12/15/86 SL2701

Ohio Labor Market Information Labor Market Review

October 1986

Summary. Ohio's seasonally adjusted unemployment rate fell from 8.5 percent in September, to 7.7 percent in October, according to the latest Current Population Survey. The U.S. rate was unchanged at 7.0 percent. The civilian labor force in Ohio increased 46,000, to 5,204,000. There were 401,000 workers unemployed in October, down 37,000 from September. Based on the latest employer survey, seasonally adjusted nonagricultural wage and salary employment was 14,000 above the September level, at 4,538,000 in October. The increase was due to gains in nonmanufacturing jobs, especially in retail trade and services. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio, at 1,086,000 in October, was down 3,000 from September. Losses occurred in durable goods, due largely to labor-management disputes in nonelectrical machinery and stone, clay, and glass products. Employment in nondurable goods was up slightly.

Nonmanufacturing. October's nonmanufacturing employment rose 17,000 from September, to 3,451,000. Retail trade and services gained 7,000 each, accounting for most of the increase.

Over the Year. Total employment in Ohio increased 115,000 from October 1985 to October 1986, while the civilian labor force advanced 50,000. The unemployment rate fell from 9.0 percent to 7.7 percent during the period, as 65,000 fewer workers were jobless. The national rate changed little, from 7.1 percent to 7.0 percent. Ohio nonagricultural employment increased 128,000 from last October. Most of the gain occurred in services (+71,000) and retail trade (+48,000). All nonmanufacturing divisions, except mining, had greater employment in 1986. Manufacturing employment dropped 29,000 over the year, due almost entirely to losses in durable-goods industries.

Factory Hours and Earnings. Manufacturing production workers in Ohio earned an average of $483.95 in October, down $3.35 from September. Their average workweek was reduced .4 hours, to 41.9 hours. Increased earnings in nondurable-goods industries were more than offset by losses in durable goods. The most significant decreases were reported in motor vehicles and equipment, household appliances, refrigeration and service machinery, and aircraft and parts. Blast furnace and basic steel products and preserved fruits and vegetables had sizable increases in earnings.

Benefits and Costs. The number of initial claims filed under the Ohio Unemployment Compensation Law in October, at 64,026, was 1.6 percent above September, but 6.1 percent below October 1985. Total benefits paid rose 23.9 percent over the month, to $53.2 million. The average benefit check of $152.46 was $3.69 higher than in September. The average weekly number of benefit recipients fell 2,242, to 70,787. There were 193,052 active employer accounts at the end of October.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services assisted 47,399 new job applicants in October, down 2.7 percent from September. The number of job openings received from employers fell 34.7 percent, to 14,076. The Employment Services Division made 27,901 job referrals and 9,097 placements.

SAVE MONEY, HIRE A VET

The Emergency Veterans' Job Training Program (EVJTA) was created to help industry fill permanent positions that involve significant training of at least six months to Korean conflict and Vietnam-era veterans.

- Employers are provided with 50 percent of the starting wage, up to $10,000 per veteran, when they hire and train veterans in a growth industry or a technology-based or skilled occupation.
- Training will be funded for between six and nine months.
- Half the cost of training, up to $10,000, paid directly to the employer on a reimbursable quarterly basis. Small businesses can arrange to invoice monthly.

Contact your nearest local OBES office for further information.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Oct. 1986	Sep. 1986	Oct. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,204	5,158	5,154	46	50	0.9	1.0
Employment	4,803	4,720	4,688	83	115	1.8	2.5
Unemployment	401	438	466	-37	-65	-8.4	-13.9
Unemployment Rate	7.7	8.5	9.0				
Employer Survey Data[e]							
Total	4,538	4,523	4,410	14	128	0.3	2.9
Manufacturing	1,086	1,089	1,115	-3	-29	-0.3	-2.6
Durable Goods	735	739	763	-4	-28	-0.5	-3.6
Nondurable Goods	351	351	353	1	-1	0.2	-0.4
Nonmanufacturing	3,451	3,434	3,294	17	157	0.5	4.8
Mining	24	24	26	0	-2	0.0	-8.1
Construction	165	165	156	1	9	0.4	5.9
Transportation and Public Utilities	206	205	203	1	3	0.3	1.6
Wholesale Trade	256	255	249	1	7	0.4	2.6
Retail Trade	850	843	803	7	48	0.8	5.9
Finance, Insurance and Real Estate	232	231	221	1	11	0.6	5.1
Services	1,039	1,033	968	7	71	0.6	7.3
Government	680	679	669	0	11	0.0	1.6
Goods Producing Industries[f]	1,275	1,278	1,297	-2	-22	-0.2	-1.7
Service Producing Industries[g]	3,262	3,246	3,112	17	150	0.5	4.8

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(In thousands)

	Civilian Labor Force		Unemployment Rate	
	Total	Employed	Unemployed	Ohio	U.S.
1984					
October	5,112	4,648	473	9.2	7.3
November	5,093	4,658	444	8.7	7.2
December	5,124	4,668	468	9.1	7.2
1985					
January	5,121	4,677	444	8.7	7.4
February	5,145	4,688	457	8.9	7.3
March	5,143	4,673	470	9.1	7.3
April	5,148	4,684	464	9.0	7.3
May	5,089	4,677	412	8.1	7.3
June	5,083	4,633	449	8.8	7.3
July	5,100	4,626	474	9.3	7.3
August	5,102	4,643	459	9.0	7.1
September	5,114	4,638	476	9.2	7.1
October	5,094	4,688	466	9.0	7.1
November	5,121	4,723	438	8.6	7.0
December	5,136	4,699	437	8.5	6.9
1986					
January	5,206	4,738	468	9.0	6.7
February	5,257	4,890	467	8.7	7.3
March	5,121	4,919	192	3.8	7.2
April	5,265	4,842	423	8.0	7.1
May	5,189	4,778	419	8.1	7.3
June	5,184	4,722	462	8.9	7.1
July	5,181	4,766	415	8.0	6.9
August	5,161	4,740	421	8.2	6.8
September	5,165	4,720	445	8.5	7.0
October	5,204	4,803	401	7.7	7.0

Ohio Nonagricultural Wage & Salary Employment

(In thousands)

	Total	Manufacturing		
		Total	Durable Goods	Nondurable Goods
1984				
October	4,306	1,130	773	357
November	4,321	1,131	780	351
December	4,327	1,127	777	350
1985				
January	4,323	1,124	771	353
February	4,328	1,118	767	351
March	4,343	1,124	773	351
April	4,358	1,127	777	350
May	4,376	1,129	779	350
June	4,367	1,123	773	350
July	4,376	1,119	769	350
August	4,384	1,124	774	350
September	4,394	1,130	780	350
October	4,410	1,134	784	350
November	4,430	1,140	790	350
December	4,429	1,138	788	350
1986				
January	4,483	1,137	786	351
February	4,492	1,136	785	351
March	4,492	1,135	784	351
April	4,494	1,134	783	351
May	4,504	1,131	780	351
June	4,498	1,130	779	351
July	4,507	1,128	777	351
August	4,521	1,130	779	351
September	4,523	1,128	777	351
October	4,519	1,126	775	351

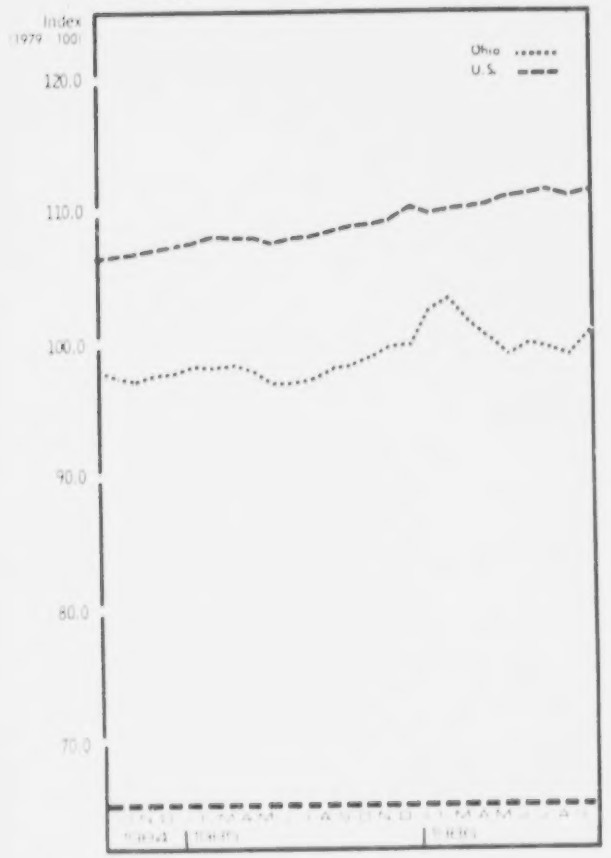
Ohio Nonmanufacturing Wage & Salary Employment

(In thousands)

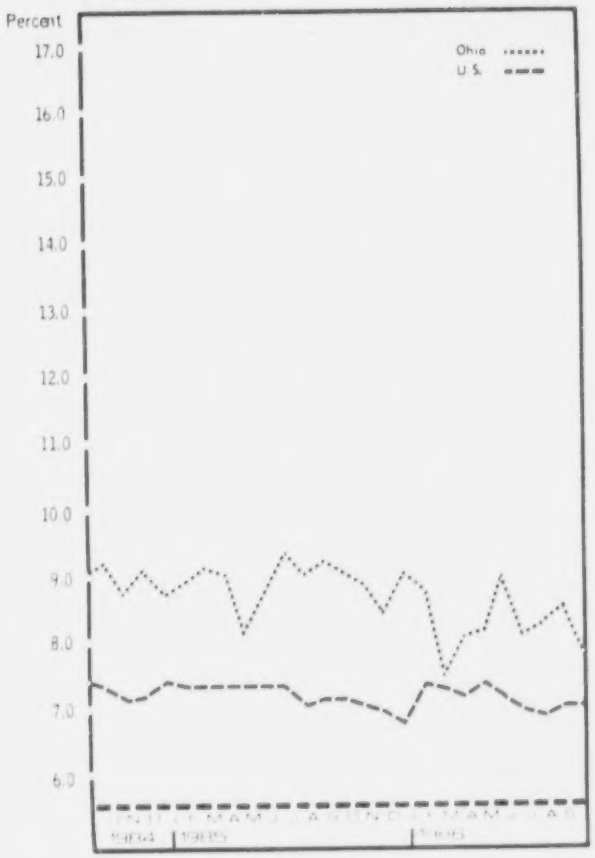
	Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance & Real Estate	Services	Government
1984									
October	3,176	28	130	204	240	760	214	673	526
November	3,190	28	129	203	241	768	214	681	526
December	3,200	27	131	203	242	767	214	684	532
1985									
January	3,199	27	131	203	243	770	215	683	527
February	3,210	27	128	203	244	771	215	691	531
March	3,220	27	131	203	244	777	216	694	535
April	3,231	27	134	203	245	781	216	697	537
May	3,287	27	136	203	246	787	218	705	536
June	3,284	26	133	202	246	788	218	707	536
July	3,276	26	133	202	246	792	219	705	535
August	3,260	26	135	201	247	795	219	703	534
September	3,279	26	135	202	248	798	220	706	535
October	3,276	26	136	203	249	801	221	708	532
November	3,290	26	136	203	250	806	222	711	536
December	3,291	26	138	204	251	809	222	714	535
1986									
January	3,346	27	160	204	252	820	223	721	537
February	3,356	26	159	204	253	824	224	723	543
March	3,357	26	158	204	254	828	225	727	545
April	3,360	26	161	204	254	831	226	728	544
May	3,400	25	162	203	255	834	227	1016	618
June	3,401	25	162	198	254	837	228	1021	619
July	3,412	24	163	202	254	837	230	1026	625
August	3,426	24	163	204	255	842	230	1030	629
September	3,414	24	165	205	255	843	231	1033	629
October	3,451	24	165	206	256	850	232	1039	685

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January issue.

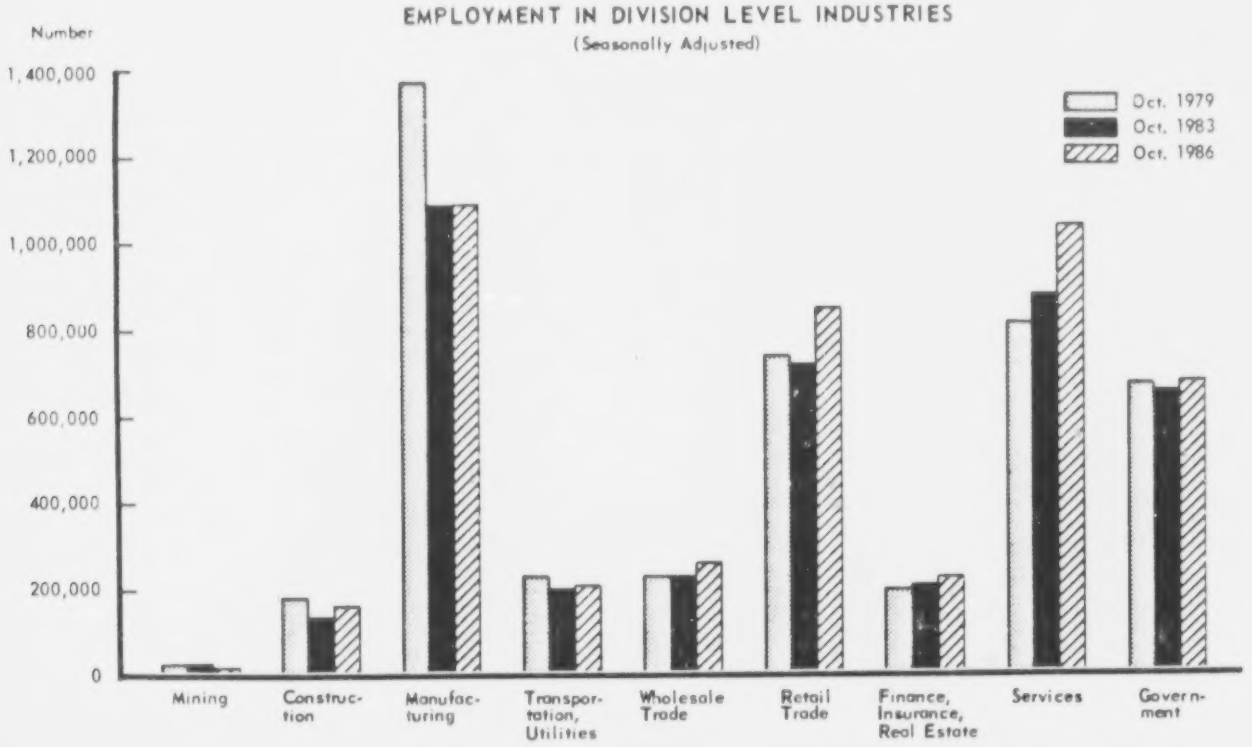
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural
Total	Employed	Unemployed	Ohio	U.S.		
4,723	4,294	429	9.1	8.5	1975	4,016.2
4,751	4,380	370	7.8	7.7	1976	4,094.6
4,833	4,520	312	6.5	7.1	1977	4,230.1
4,959	4,690	268	5.4	6.1	1978	4,394.9
5,059	4,760	299	5.9	5.8	1979	4,484.8
5,089	4,663	426	8.4	7.1	1980	4,367.4
5,100	4,608	492	9.6	7.6	1981	4,317.7
5,114	4,474	640	12.5	9.7	1982	4,124.3
5,099	4,478	621	12.2	9.6	1983	4,092.5
5,089	4,609	480	9.4	7.5	1984	4,260.2
5,130	4,675	455	8.9	7.2	1985	4,378.6
					1985	
5,216	4,747	469	9.0	6.8	October	4,456.8
5,200	4,734	466	9.0	6.7	November	4,473.1
5,156	4,721	436	8.5	6.7	December	4,483.7
					1986	
5,121	4,647	474	9.3	7.3	January	4,393.4
5,212	4,740	472	9.1	7.8	February	4,387.1
5,226	4,812	414	7.9	7.5	March	4,418.5
5,217	4,804	413	7.9	7.0	April	4,481.6
5,180	4,791	389	7.5	7.0	May	4,533.2
5,259	4,802	457	8.7	7.3	June	4,549.1
5,287	4,875	412	7.8	7.0	July	4,515.6
5,255	4,832	422	8.0	6.7	August	4,526.0
5,184	4,750	434	8.4	6.8	September	4,570.1
5,259	4,851	408	7.8	6.6	October	4,586.4

Total Nonagricultural	Manufacturing		
		Durable	Nondurable
4,016.2	1,267.5	892.4	375.1
4,094.6	1,295.3	910.6	384.6
4,230.1	1,344.1	945.2	398.9
4,394.9	1,377.2	974.3	402.7
4,484.8	1,382.3	980.5	401.8
4,367.4	1,264.3	882.6	381.8
4,317.7	1,230.6	860.4	370.2
4,124.3	1,099.9	752.4	347.5
4,092.5	1,066.0	723.6	342.4
4,260.2	1,127.0	773.4	353.6
4,378.6	1,123.1	769.1	354.1
4,456.8	1,113.8	765.5	348.4
4,473.1	1,123.1	768.1	355.0
4,483.7	1,123.6	769.3	354.3
4,393.4	1,119.3	766.7	352.7
4,387.1	1,114.2	761.2	353.0
4,418.5	1,111.9	759.1	352.9
4,481.6	1,110.8	759.6	351.2
4,533.2	1,105.7	753.8	351.9
4,549.1	1,109.3	756.1	353.2
4,515.6	1,096.8	746.5	350.3
4,526.0	1,094.5	744.4	350.1
4,570.1	1,100.3	743.9	356.4
4,586.4	1,099.1	747.2	352.0

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
2,748.7	26.8	154.9	213.2	203.5	1975	664.5	173.1	686.1	626.4
2,799.1	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.9	183.4	731.4	642.3
3,012.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.8	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,088.2	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.7	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.8	905.2	655.2
3,255.5	26.4	154.1	202.5	246.5	1985	789.8	218.1	953.3	664.7
					1985				
3,337.0	26.5	172.9	204.4	250.3	October	809.9	220.1	974.2	678.7
3,250.0	26.6	166.6	204.3	250.9	November	821.9	221.2	974.6	683.9
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.7	675.3
3,272.9	25.4	129.8	199.4	249.4	February	790.3	222.0	972.0	684.7
3,306.7	24.9	135.7	200.4	251.2	March	801.3	223.0	982.1	688.1
3,370.8	25.0	150.9	202.6	253.1	April	821.4	225.1	1,005.4	687.3
3,427.5	25.1	162.5	203.9	254.5	May	836.8	227.4	1,024.9	692.4
3,439.8	25.0	170.8	200.3	255.8	June	843.2	229.9	1,037.9	677.0
3,418.8	25.1	178.2	204.4	255.9	July	843.8	232.5	1,038.1	640.9
3,427.5	24.8	182.0	206.2	256.6	August	850.1	232.8	1,039.8	635.3
3,469.8	24.5	182.9	207.1	256.3	September	853.1	231.7	1,047.0	667.2
3,496.3	24.4	183.2	207.5	256.9	October	857.8	231.4	1,045.2	689.9

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio

Manufacturing Employment

(in thousands)

Manufacturing	Durable Goods	Nondurable Goods		
1,267.5	892.4	375.1	1975	
1,295.3	910.6	384.6	1976	
1,344.1	945.2	398.9	1977	
1,377.2	974.5	402.7	1978	
1,382.3	980.5	401.8	1979	
1,264.3	882.6	381.8	1980	
1,232.6	860.4	372.2	1981	
1,099.9	752.4	347.5	1982	
1,066.0	723.6	342.4	1983	
1,127.0	773.4	353.6	1984	
1,123.1	769.1	354.0	1985	
			1985	
1,119.8	765.5	354.4	October	
1,123.1	768.2	354.9	November	
1,123.6	769.5	354.1	December	
			1986	
1,119.3	766.7	352.7	January	
1,114.2	761.2	353.0	February	
1,111.0	759.1	352.7	March	
1,110.8	759.6	351.2	April	
1,105.7	753.8	351.9	May	
1,109.3	756.1	353.2	June	
1,096.8	746.5	350.3	July	
1,098.5	744.4	354.1	August	
1,100.3	743.9	356.4	September	
1,090.1	737.2	352.9	October	

Production Workers in Manufacturing

Production Workers (in thous.)	Aggregate Weekly Payroll (in thous.)	Aggregate Weekly Hours (in thous.)		
895.8	$701.8	16.1	1975	
926.1	733.9	16.1	1976	
958.0	791.2	16.5	1977	
985.5	862.8	16.9	1978	
979.0	878.9	16.5	1979	
886.8	801.4	15.2	1980	
847.7	780.4	14.7	1981	
735.1	674.4	13.0	1982	
721.6	675.4	13.4	1983	
781.8	762.1	14.1	1984	
777.4	769.8	14.1	1985	
			1985	
768.9	770.3	14.2	October	
772.9	774.8	14.2	November	
773.1	781.1	14.2	December	
			1986	
769.2	775.1	14.2	January	
760.1	771.1	14.2	February	
760.8	772.1	14.2	March	
761.1	766.8	14.2	April	
757.0	763.1	14.2	May	
758.9	768.1	14.2	June	
747.8	757.4	13.8	July	
747.8	760.8	13.8	August	
751.1	765.8	13.8	September	
741.1	758.8	13.8	October	

Production Workers Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods		
$224.47	$228.90	$211.85	1975	
232.54	258.75	235.00	1976	
283.08	292.02	258.34	1977	
306.91	316.83	279.30	1978	
325.36	335.30	297.78	1979	
347.04	358.57	319.99	1980	
389.78	401.64	358.16	1981	
403.81	414.80	378.95	1982	
437.18	452.35	402.52	1983	
463.61	482.38	417.83	1984	
[illegible].96	499.56	425.80	1985	
			1985	
482.35	505.33	424.98	October	
487.18	508.22	434.93	November	
500.52	526.44	439.10	December	
			1986	
488.25	511.70	434.51	January	
488.68	512.90	432.41	February	
488.25	512.48	433.46	March	
481.34	504.71	426.59	April	
480.28	499.80	434.89	May	
481.85	500.99	439.71	June	
475.69	491.00	438.19	July	
481.43	500.99	439.30	August	
487.30	507.03	443.72	September	
483.95	501.48	446.01	October	

Production Workers Average Weekly Hours

Manufacturing	Durable Goods	Nondurable Goods		
40.3	40.3	40.2	1975	
41.2	41.4	41.3	1976	
42.0	42.2	41.4	1977	
42.1	42.3	41.5	1978	
41.5	41.6	41.1	1979	
40.6	40.7	40.2	1980	
40.9	40.9	40.7	1981	
40.1	40.0	40.4	1982	
41.4	41.5	41.2	1983	
42.3	42.5	41.7	1984	
42.0	42.3	41.3	1985	
			1985	
42.2	42.5	41.3	October	
42.4	42.6	41.7	November	
43.0	43.4	42.1	December	
			1986	
42.2	42.5	41.7	January	
42.2	42.6	41.3	February	
42.2	42.6	41.4	March	
41.8	42.2	40.9	April	
41.8	42.0	41.3	May	
41.9	42.1	41.6	June	
41.4	41.4	41.3	July	
41.9	42.1	41.6	August	
42.3	42.5	41.9	September	
41.9	42.0	41.8	October	

Production Workers Average Hourly Earnings

Manufacturing	Durable Goods	Nondurable Goods		
$5.[illegible]	$5.68	$5.[illegible]	1975	
[illegible]	[illegible]	[illegible]	1976	
[illegible]	6.92	6.[illegible]	1977	
[illegible]	[illegible]	[illegible]	1978	
[illegible]	8.00	[illegible]	1979	
[illegible]	8.81	[illegible]	1980	
[illegible]	9.82	8.[illegible]	1981	
10.[illegible]	10.37	9.[illegible]	1982	
10.[illegible]	10.96	9.[illegible]	1983	
10.[illegible]	11.33	10.[illegible]	1984	
[illegible].[illegible]	11.61	10.[illegible]	1985	
			1985	
11.[illegible]	11.84	10.29	October	
11.[illegible]	11.93	10.[illegible]	November	
11.[illegible]	12.13	10.[illegible]	December	
			1986	
11.57	12.04	10.[illegible]	January	
11.58	12.04	10.[illegible]	February	
11.57	12.03	10.[illegible]	March	
11.52	11.98	10.43	April	
11.49	11.90	10.51	May	
11.50	11.90	10.5[illegible]	June	
11.49	11.86	10.[illegible]	July	
11.49	11.90	10.56	August	
11.52	11.93	10.5[illegible]	September	
11.55	11.94	10.[illegible]	October	

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[1]

Employment

(in thousands)

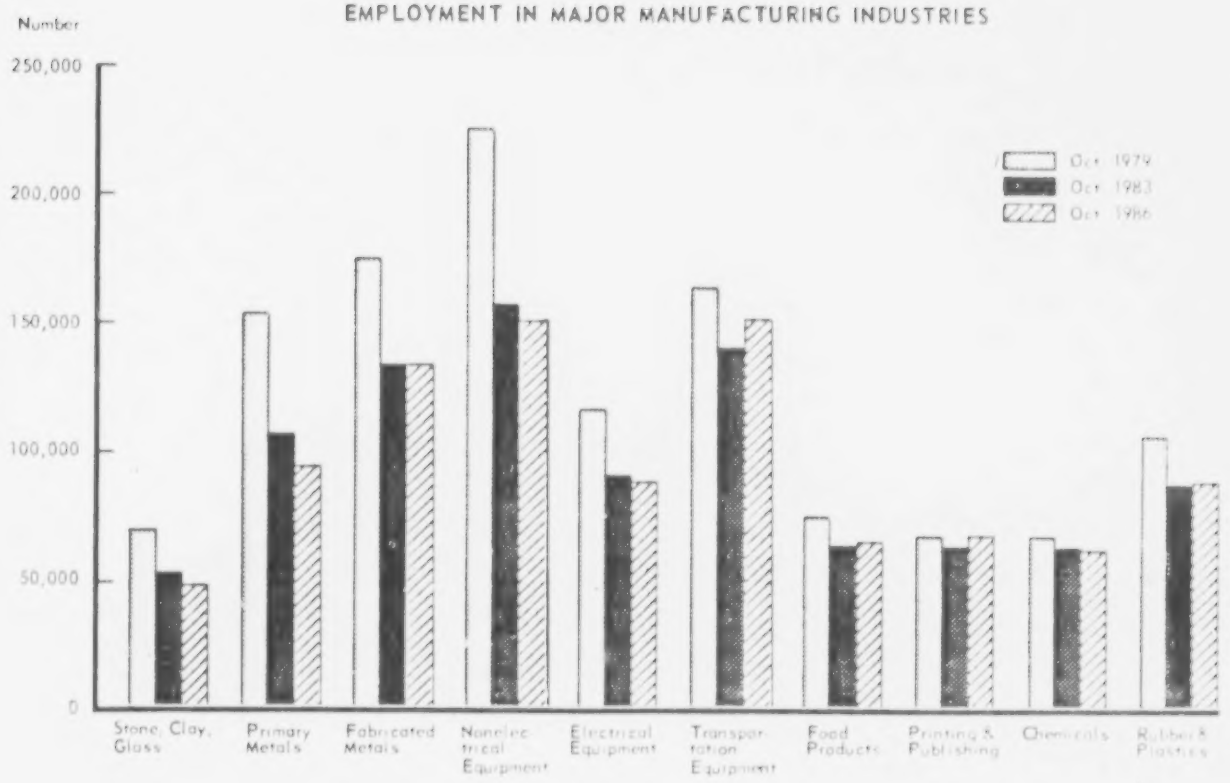
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.8	64.8	94.8
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.1	120.9	151.8	1977	74.4	65.4	105.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.8	107.1
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.1
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	97.3
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.2	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.4	63.1	81.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.5	81.1
52.5	108.9	138.7	1984	167.1	93.1	144.9	1984	62.8	65.1	86.8
50.4	102.7	138.9	1985	166.2	90.5	141.7	1985	62.1	66.3	90.1
			1985				1985			
51.2	99.0	138.7	October	163.4	89.1	134.5	October	63.3	67.1	90.1
51.0	101.3	138.6	November	162.9	88.1	137.2	November	62.9	67.6	90.2
49.8	102.7	137.3	December	163.4	89.0	138.3	December	61.0	67.6	91.1
			1986				1986			
47.3	103.0	136.6	January	163.0	89.1	137.9	January	62.8	67.3	90.8
48.7	102.8	136.0	February	160.7	88.2	136.3	February	62.4	67.1	90.7
49.6	102.6	136.7	March	160.2	87.7	134.2	March	63.3	67.3	90.1
50.0	102.5	136.2	April	159.7	88.4	133.3	April	61.6	67.1	91.4
50.0	101.7	135.8	May	158.6	87.7	149.7	May	62.8	67.1	90.3
50.5	100.3	135.9	June	158.2	87.7	155.6	June	63.5	67.3	91.4
50.3	96.9	133.6	July	156.8	87.1	152.3	July	63.8	67.3	89.5
50.6	94.8	133.7	August	156.1	88.4	150.0	August	67.1	67.1	90.1
50.4	92.9	135.3	September	156.0	88.1	150.1	September	67.3	67.4	89.7
49.3	94.0	134.4	October	150.3	87.9	151.4	October	66.8	67.0	89.3

Average Weekly Earnings of Production Workers

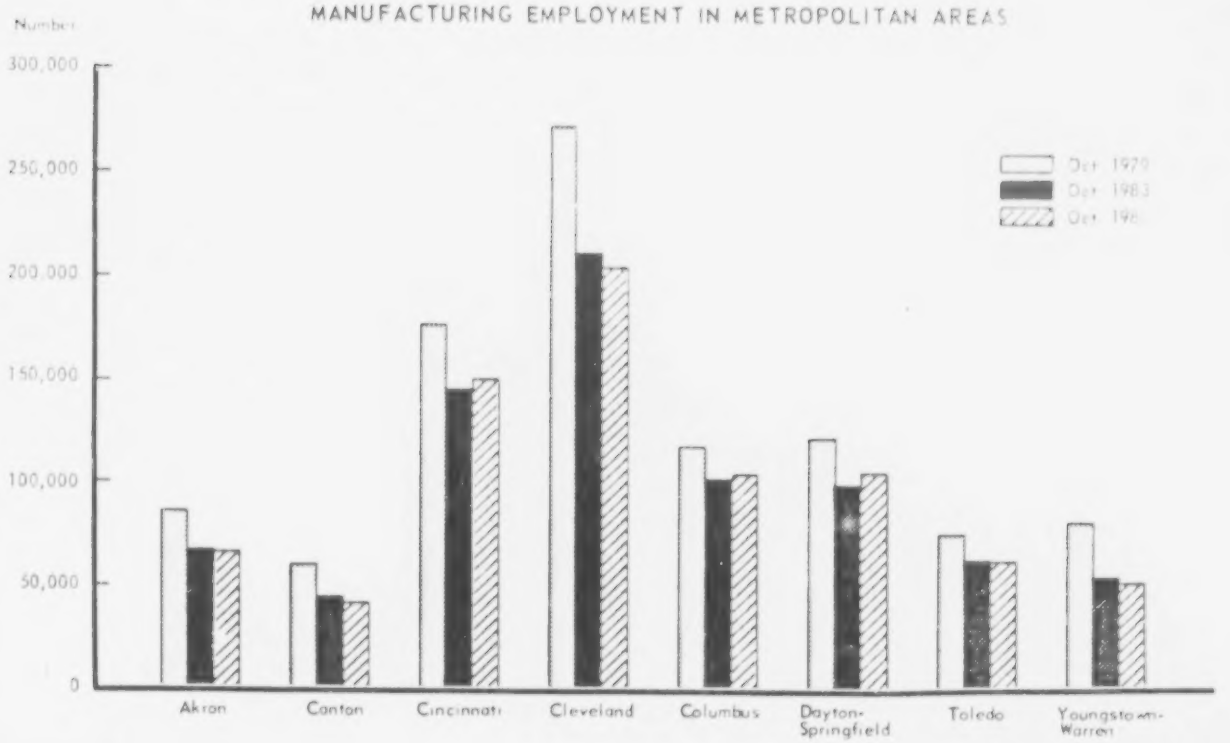
$207.53	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$222.68	$226.99	$223.30
232.40	294.58	256.68	1976	233.31	221.54	302.87	1976	242.90	252.00	237.13
253.45	329.54	290.44	1977	279.18	248.44	359.20	1977	258.64	271.96	263.41
274.91	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.79
293.64	395.43	323.38	1979	329.09	289.27	391.56	1979	304.10	302.62	300.69
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.86	320.42	323.62
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.79	347.70	368.69
370.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	356.43	382.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	401.78	379.62	412.22
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	429.16	380.36	419.44
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	433.21	399.14	429.17
			1985				1985			
441.84	541.86	490.98	October	478.41	446.71	653.05	October	408.91	399.36	426.38
441.21	549.67	496.93	November	476.72	449.77	648.70	November	404.31	411.08	437.68
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.51	443.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.62	438.44
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.43
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	433.15
443.56	546.89	494.06	June	483.07	450.58	616.40	June	417.41	402.80	443.66
442.24	548.05	472.65	July	473.30	448.11	600.66	July	431.04	406.75	431.35
449.86	566.46	486.99	August	481.85	452.35	616.40	August	422.99	410.80	438.62
447.62	559.68	494.38	September	485.41	464.88	629.31	September	420.31	417.40	441.34
448.69	557.61	489.94	October	482.16	454.84	615.90	October	425.21	419.25	442.89

[1]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[1]

Ohio

	Employment (in thousands)			Change[2] (in thousands)	
	[illegible] 1985	[illegible] 1985	[illegible] 1985	From Last Month	From Last Year
TOTAL	4,588.4	4,577.1	4,435.8	10.4	23.8
MANUFACTURING	1,[illegible]	1,[illegible]	1,[illegible]	[illegible]	[illegible]
Durable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Lumber and wood products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Furniture and fixtures	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Glass and glassware, pressed or blown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iron and steel foundries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nonferrous rolling and drawing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cutlery, hand tools, and hardware	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated structural metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Construction and related machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Special industry machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Office and computing machines	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Refrigeration and service machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Household appliances	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric lighting and wiring equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aircraft and parts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Measuring and controlling devices	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	392.3	391.4	378.8	1.9	13.5
Food and kindred products	64.0	63.5	63.3	.5	.7
Meat products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dairy products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Preserved fruits and vegetables	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bakery products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Beverages	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Misc. converted paper products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paperboard containers and boxes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Newspapers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Commercial printing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Industrial inorganic chemicals	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tires and inner tubes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Miscellaneous plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	October 1985[b]	September 1985	October 1984[c]	From Last Month	From Last Year
NONMANUFACTURING	3496.3	3480.6	3419.0	15.6	77.3
MINING	24.4	24.5	26.3	-.1	-1.9
Bituminous coal and lignite mining	10.3	10.4	10.8	-.1	-.5
Oil and gas extraction	9.1	9.1	10.6	.0	-1.5
CONSTRUCTION	141.2	139.1	129.5	2.1	11.7
General building contractors	46.2	45.1	42.6	1.1	3.6
Heavy construction contractors	27.4	27.0	25.1	.4	2.3
Highway and street construction	12.6	12.2	11.7	.4	.9
Special trade contractors	67.6	67.0	61.8	.6	5.8
TRANSPORTATION AND PUBLIC UTILITIES	207.5	207.1	204.4	.4	3.1
Railroad transportation	15.3	14.2	15.4	1.1	-.1
Transportation except railroads	103.2	102.6	97.1	.6	6.1
Trucking and warehousing	73.8	73.3	69.8	.5	4.0
Communication, electric, gas services	88.4	88.7	90.0	-.3	-1.6
Communication	47.7	47.8	48.7	-.1	-1.0
Electric, gas, and sanitary services	40.7	40.9	41.3	-.2	-.6
WHOLESALE TRADE	256.3	256.3	253.2	.0	3.1
Wholesale trade-durable goods	167.0	167.0	163.7	.0	3.3
Motor vehicles & automotive equipment	15.1	15.1	15.3	.0	-.2
Electrical goods	21.7	21.7	21.8	.0	-.1
Machinery, equipment, and supplies	68.0	68.0	66.7	.0	1.3
Wholesale trade-nondurable goods	91.3	91.3	89.5	.0	1.8
Groceries and related products	23.4	23.4	23.4	.0	.0
RETAIL TRADE	867.8	863.1	838.4	4.7	29.4
General merchandise stores	119.8	118.2	114.1	1.6	5.7
Department stores	103.8	102.5	99.5	1.3	4.3
Food stores	131.2	130.2	126.1	1.0	5.1
Automotive dealers & service stations	96.4	96.5	95.2	-.1	1.2
Apparel and accessory stores	42.0	40.8	39.7	1.2	2.3
Eating and drinking places	301.4	300.7	286.8	.7	14.6
FINANCE, INSURANCE, AND REAL ESTATE	231.4	231.7	227.4	-.3	4.0
Banking	62.7	62.9	62.5	-.2	.2
Credit agencies other than banks	36.8	36.5	34.5	.3	2.3
Insurance carriers	59.8	59.3	58.2	.5	1.6
Life insurance	21.1	21.2	21.3	-.1	-.2
Fire, marine, and casualty insurance	28.7	28.7	27.7	.0	1.0
SERVICES	1045.2	1041.8	974.1	3.4	71.1
Hotels and other lodging places	34.5	36.2	33.1	-1.7	1.4
Personal services	57.8	56.5	54.6	1.3	3.2
Laundry, cleaning, & garment services	19.4	18.9	18.8	.5	.6
Business services	206.4	205.0	182.7	1.4	23.7
Services to buildings	29.6	29.8	28.9	-.2	.7
Computer and data processing services	25.2	25.0	19.3	.2	5.9
Amusement and recreation services	40.0	51.5	34.0	-11.5	6.0
Health services	346.5	346.3	332.6	.2	13.9
Nursing and personal care facilities	73.7	73.9	72.5	-.2	1.2
Hospitals	172.4	172.4	167.0	.0	5.4
Educational services	68.2	61.2	65.3	7.0	2.9
Colleges and universities	39.9	34.4	36.7	5.5	3.2
GOVERNMENT	689.9	687.2	678.7	22.7	11.2
Federal government	92.2	92.7	91.9	-.5	.3
State government	154.4	141.3	149.8	13.0	4.5
State government education	82.9	68.8	81.0	14.1	1.9
State government, except education	71.5	72.6	68.8	-1.1	2.7
Local government	443.4	433.2	437.0	10.2	6.4
Local government education	258.7	247.0	254.0	11.8	4.7
Local government, except education	184.6	186.2	182.9	-1.6	1.7

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct., 1986[p]	Sep., 1986[r]	Oct., 1985	Oct., 1986[p]	Sep., 1986[r]	Oct., 1985	Oct., 1986[p]	Sep., 1986[r]	Oct., 1985
MANUFACTURING	$483.96	$487.30	$482.25	41.9	42.1	42.2	$11.55	$11.57	$11.43
Durable Goods[r]	501.48	507.03	505.33	42.0	42.5	42.5	11.94	11.93	11.89
Lumber and wood products	324.36	332.00	331.26	41.2	41.2	41.1	7.76	7.77	7.73
Furniture and fixtures	348.47	348.57	334.53	41.1	41.3	40.3	8.43	8.44	8.25
Stone, clay, and glass products	448.69	447.62	441.84	41.7	41.6	41.3	10.76	10.76	10.62
Glass and glassware, pressed or blown	501.73	491.73	480.40	42.7	42.1	40.8	11.75	11.68	11.34
Primary metal industries	587.61	593.68	541.86	41.8	42.4	41.3	13.34	13.40	13.12
Blast furnace and basic steel products	574.78	580.67	521.99	41.5	41.5	39.1	13.85	13.91	13.35
Iron and steel foundries	596.62	600.64	573.82	43.5	44.1	42.5	13.72	13.61	13.47
Nonferrous rolling and drawing	552.48	573.32	595.72	40.3	41.2	42.4	13.81	13.87	14.05
Fabricated metal products	489.84	494.38	482.98	42.2	42.4	42.3	11.61	11.66	11.42
Cutlery, hand tools, and hardware	471.24	459.07	500.23	39.7	38.9	41.2	11.87	11.8	12.15
Fabricated structural metal products	444.69	454.40	426.22	40.8	41.4	40.3	10.90	10.97	10.58
Metal forgings and stampings	620.10	628.52	630.73	43.7	44.2	44.2	14.19	14.22	14.27
Machinery, except electrical	482.16	485.41	478.41	42.0	42.1	42.3	11.48	11.53	11.31
Construction and related machinery	423.33	417.18	402.89	41.1	40.7	38.9	10.30	10.25	10.35
Metalworking machinery	463.02	468.52	443.57	41.9	42.4	41.8	11.05	11.05	10.61
Special industry machinery	455.78	459.14	467.42	41.7	42.2	43.4	10.93	10.88	10.77
General industrial machinery	510.23	501.23	488.14	42.1	41.7	41.9	12.12	12.02	11.65
Office and computing machines	396.17	396.24	379.81	41.9	41.7	41.8	9.46	9.50	9.09
Refrigeration and service machinery	575.66	602.69	620.46	47.8	44.6	44.8	13.45	13.84	13.84
Electric and electronic equipment	454.84	454.88	448.71	41.5	42.3	42.4	10.96	10.88	10.79
Electrical industrial apparatus	432.82	436.81	435.18	41.3	42.9	42.9	10.74	10.8	10.54
Household appliances	462.37	457.38	467.24	41.3	41.3	41.7	11.27	11.46	11.20
Electric lighting and wiring equipment	474.83	472.55	440.72	42.1	42.0	41.2	11.28	11.26	10.69
Communication equipment	478.23	492.90	474.29	40.7	42.2	42.1	11.75	11.68	11.34
Transportation equipment	615.80	629.31	661.26	43.1	44.1	46.7	14.29	14.27	14.29
Motor vehicles and equipment	629.20	641.21	693.96	42.6	43.9	46.7	14.77	14.72	14.99
Aircraft and parts	586.98	601.16	550.67	44.3	45.2	43.8	13.25	13.30	12.63
Instruments and related products	354.02	358.30	370.63	39.6	39.9	41.4	8.94	8.98	8.95
Measuring and controlling devices	336.22	346.12	380.26	38.0	38.6	38.2	8.85	8.89	8.93
Nondurable Goods	445.01	441.72	424.98	41.8	41.8	41.3	10.67	10.59	10.29
Food and kindred products	425.21	420.33	408.93	42.1	42.5	41.6	10.12	9.89	9.83
Meat products	373.82	373.82	372.78	40.5	40.5	41.1	9.23	9.27	9.07
Dairy products	454.75	452.07	445.72	42.5	42.3	43.4	10.70	10.64	10.27
Preserved fruits and vegetables	404.58	392.81	391.35	42.1	43.5	42.1	9.61	9.23	9.31
Bakery products	468.40	459.42	434.60	40.0	39.3	38.7	11.71	11.69	11.23
Beverages	423.65	442.73	396.01	42.1	42.9	39.8	10.07	10.32	9.95
Apparel and other textile products	268.76	270.80	254.10	37.8	37.3	37.7	7.11	7.26	6.74
Paper and allied products	501.31	499.26	484.34	44.8	45.1	43.6	11.19	11.07	10.65
Misc. converted paper products	468.86	469.34	410.86	45.3	45.7	42.4	10.35	10.27	9.69
Paperboard containers and boxes	423.73	435.56	401.63	42.5	43.6	42.5	9.97	9.99	9.45
Printing and publishing	413.25	417.40	399.36	39.2	38.9	38.4	10.75	10.73	10.40
Newspapers	359.15	356.68	334.56	34.6	34.9	34.0	10.38	10.22	9.84
Commercial printing	424.09	419.52	405.80	40.7	40.3	40.0	10.42	10.41	10.14
Chemicals and allied products	511.21	518.22	489.63	41.8	42.2	41.6	12.23	12.28	11.77
Industrial inorganic chemicals	563.01	568.01	548.26	41.3	42.2	42.6	13.39	13.46	12.87
Rubber and misc. plastics products	442.85	441.34	426.38	42.5	42.6	42.3	10.42	10.36	10.08
Tires and inner tubes	630.61	628.34	573.75	45.4	45.4	43.4	13.89	13.84	13.22
Miscellaneous plastics products	427.49	425.96	416.61	42.2	42.3	42.2	10.13	10.07	9.87

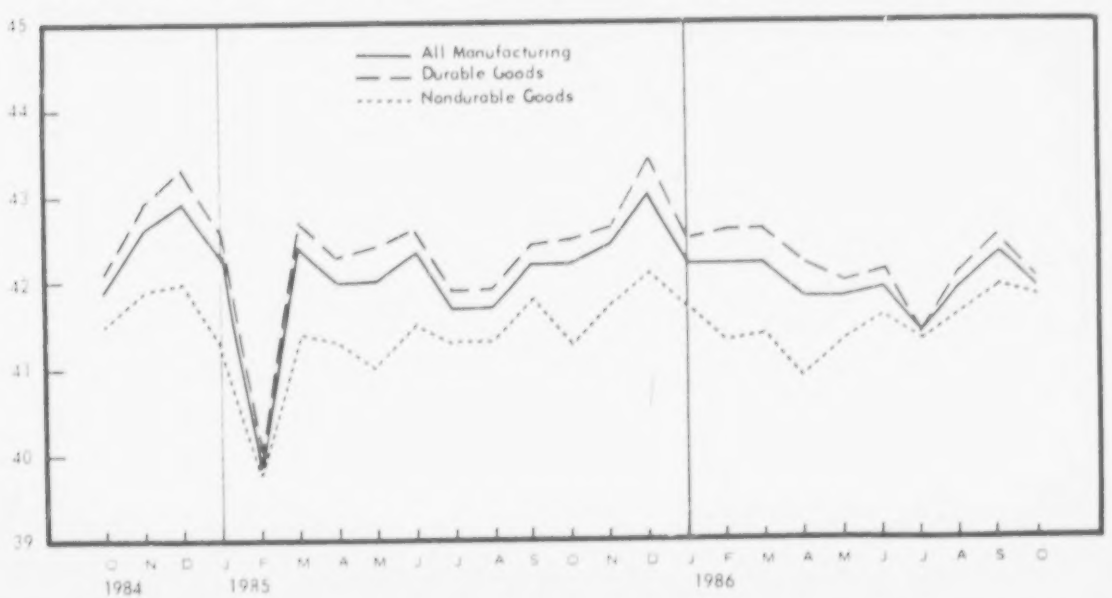
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

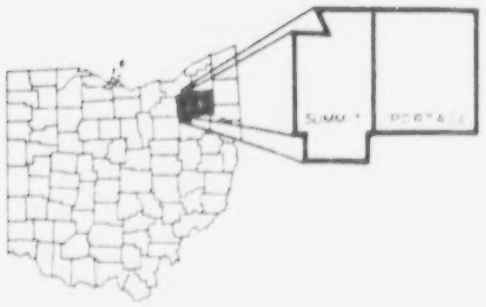
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct., 1986[b]	Sep., 1986[c]	Oct., 1985[c]	Oct., 1986	Sep., 1986[c]	Oct., 1985[c]	Oct., 1986	Sep., 1986[c]	Oct., 1985[c]
MINING	$519.36	$538.77	$520.65	43.1	44.6	45.0	$12.05	$12.08	$11.57
Bituminous coal and lignite mining	602.00	635.95	614.66	40.0	42.2	42.7	15.05	15.07	14.74
CONSTRUCTION	591.03	588.85	598.43	39.8	39.6	39.5	14.85	14.87	15.15
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	553.83	549.70	525.37	41.3	41.3	40.9	13.41	13.31	12.86
Communication	546.34	539.37	517.52	41.0	41.0	40.4	13.34	13.16	12.81
Electric, gas, and sanitary services	562.46	560.77	536.80	41.7	41.8	41.5	13.50	13.44	12.93
WHOLESALE TRADE	368.03	368.19	353.53	39.5	39.4	39.5	9.34	9.35	8.96
Wholesale trade-durable goods	365.24	366.83	351.35	39.7	39.7	39.7	9.20	9.24	8.85
Wholesale trade-nondurable goods	375.54	371.60	356.07	39.2	38.9	39.0	9.58	9.55	9.13
RETAIL TRADE	159.00	159.26	158.66	29.7	29.8	29.9	5.54	5.53	5.43
General merchandise stores	182.09	182.70	176.11	29.4	30.2	29.4	6.08	6.05	5.89
Department stores	186.80	187.62	180.62	30.2	30.4	29.4	6.23	6.23	6.14
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	251.31	250.56	235.89	....	....	....	.....	.....	.....
Credit agencies other than banks	245.37	243.38	235.91	....	....	....	.....	.....	.....
Insurance carriers	337.07	335.66	318.26	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	329.83	324.51	310.22	33.8	33.7	33.8	9.84	9.82	9.31

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes miscellaneous manufacturing industries not shown separately. Includes chemicals, manufactures, textile mill products, petroleum and coal products, leather and leather products. [e]Wages, payments only, tips not included. Includes State universities, State schools for deaf and blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



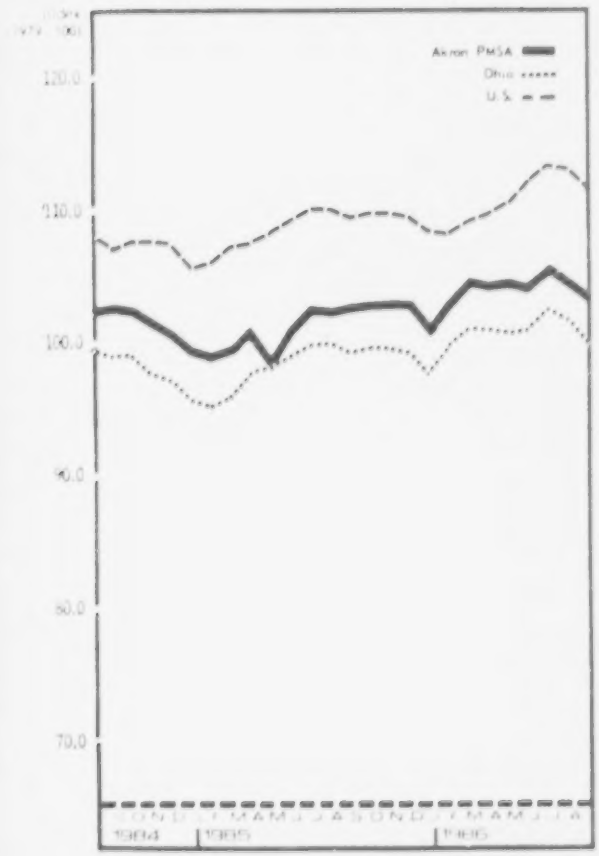
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



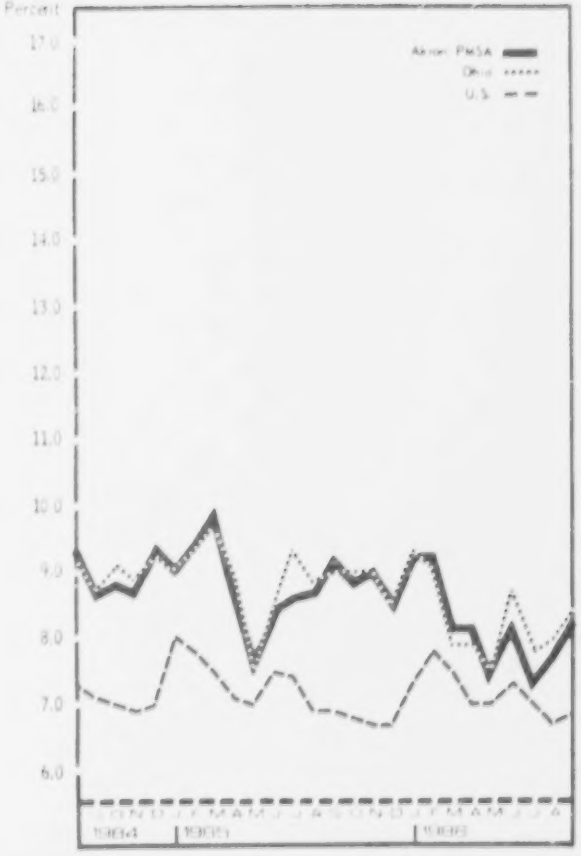
Nonagricultural wage and salary employment in the Akron PMSA, at 271,200 in October, was down 200 from September. Seasonal losses in amusement and recreation services were mostly offset by gains in nearly all other nonmanufacturing divisions, especially government, as nonfaculty personnel continued to return to schools and colleges. Manufacturing employment dropped slightly, to 65,600. The average hourly earnings of factory production workers rose $.03, to $11.35. Their average workweek of 43.1 hours, was down .2 hours.

From October 1985 to October 1986, Akron's nonagricultural wage and salary employment rose 8,100. All nonmanufacturing industries had increases, with the greatest occurring in services, retail trade, and construction. Cutbacks in rubber and plastics and in fabricated metal products lowered manufacturing employment 1,400 over the year.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



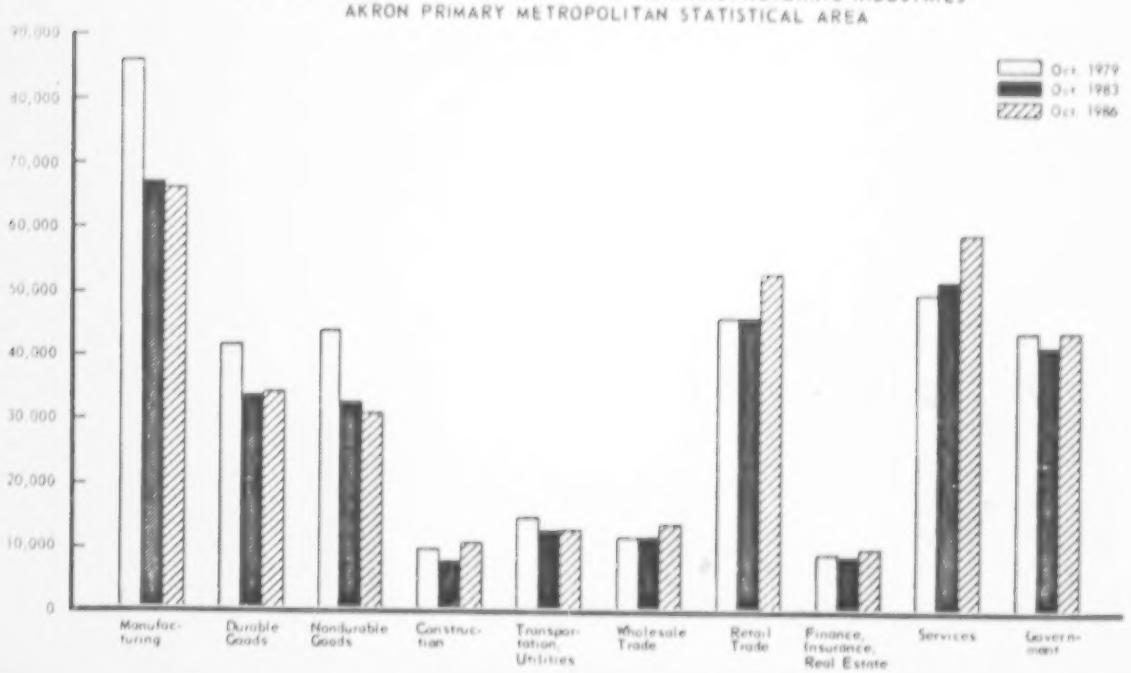
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.8	264.1	27.7	9.5	1975	248.4	84.5	68.4	$232.63	41.1	$ 5.66
291.3	256.1	25.0	8.6	1976	247.3	83.3	66.5	251.44	42.1	5.82
294.2	274.7	19.5	6.6	1977	259.3	85.8	69.2	286.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.0	86.9	69.4	306.56	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.3	86.8	68.8	321.87	41.6	7.71
304.5	278.1	26.2	8.6	1980	262.4	79.1	62.5	361.88	41.3	8.77
304.1	274.9	29.1	9.6	1981	259.5	75.7	61.7	397.10	41.8	9.50
303.9	269.0	35.0	11.8	1982	248.8	68.1	56.9	403.35	41.2	9.83
302.6	265.2	37.3	12.3	1983	244.2	65.2	53.9	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.3	56.0	499.85	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	69.3	57.3	475.20	43.2	11.30
				1985						
322.8	295.3	27.5	8.5	September	261.7	69.4	58.8	479.76	42.3	11.09
321.8	294.4	27.4	8.5	October	263.1	69.1	58.7	483.34	42.1	11.32
322.1	295.7	26.3	8.2	November	263.0	69.2	58.3	473.79	43.0	11.33
319.3	293.0	26.3	8.2	December	262.3	68.8	58.7	484.16	44.1	11.21
				1986						
315.7	287.1	28.7	9.1	January	257.9	66.4	56.2	471.97	42.7	11.13
316.7	287.4	29.3	9.2	February	258.2	66.5	56.2	470.98	43.1	11.13
317.3	289.7	27.6	8.7	March	260.6	66.8	56.7	485.30	43.5	11.17
317.2	289.5	27.7	8.7	April	260.8	66.8	56.1	478.97	43.1	11.13
321.2	293.7	27.5	8.5	May	261.1	66.6	56.0	475.58	43.0	11.06
321.3	294.6	26.6	8.2	June	262.1	66.8	56.1	483.12	43.4	11.23
320.1	293.8	26.3	8.2	July	262.1	67.0	56.2	477.98	43.0	11.13
322.3	295.0	27.3	8.5	August	262.6	67.2	56.1	481.81	43.4	11.28
321.3	294.6	26.7	8.3	September	261.6	66.7	55.8	480.16	43.1	11.32
[illegible]	[illegible]	[illegible]	[illegible]	October	261.7	66.9	55.9	480.19	43.1	11.19

[illegible]

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	October 1986[b]	September 1986[c]	October 1985[c]	From Last Month	From Last Year
TOTAL	271.3	271.4	261.1	- .2	9.1
MANUFACTURING	65.8	65.7	67.0	.1	-1.1
Durable Goods[e]	34.5	34.6	35.2	- .2	- .7
Fabricated metal products	12.3	12.3	13.0	- .1	- .7
Machinery, except electrical	9.0	9.1	9.4	- .1	- .4
Metalworking machinery	2.9	3.0	3.1	- .1	- .2
Nondurable Goods	31.2	31.1	31.8	.1	- .7
Food and kindred products	2.6	2.6	2.8	.0	- .2
Chemicals and allied products	2.7	2.7	2.7	.0	.0
Rubber and misc. plastics products	22.5	22.4	21.2	.1	1.3
Tires and inner tubes	13.6	13.6	14.6	.0	-1.0
NONMANUFACTURING	205.6	205.7	196.1	- .1	9.5
CONSTRUCTION	11.0	10.8	9.5	.1	1.4
TRANSPORTATION AND PUBLIC UTILITIES	13.3	13.2	12.9	.1	.4
Communication, electric, gas services	6.3	6.3	6.2	.0	.1
WHOLESALE TRADE	14.4	14.3	13.7	.1	.7
RETAIL TRADE	52.7	52.7	50.2	- .1	2.5
General merchandise stores	7.0	6.8	6.8	.1	.2
FINANCE, INSURANCE, AND REAL ESTATE	10.3	10.2	9.8	.1	.4
Banking	3.3	3.2	3.2	.0	.1
SERVICES	59.1	60.3	55.6	-1.2	3.5
Business services	12.4	12.3	10.8	.1	1.6
Amusement and recreation services	3.1	4.8	2.7	-1.6	.5
Health services	17.5	17.3	17.5	.2	.0
GOVERNMENT	44.1	43.4	43.4	.7	.7
State government	15.6	15.3	15.4	.3	.2
State government education	12.8	12.4	12.6	.4	.2
State government, except education	2.8	2.9	2.8	- .1	.0
Local government	28.2	28.8	25.9	.4	.4
Local government education	14.3	13.7	14.0	.6	.3
Local government, except education	12.0	12.2	11.9	- .2	.1

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

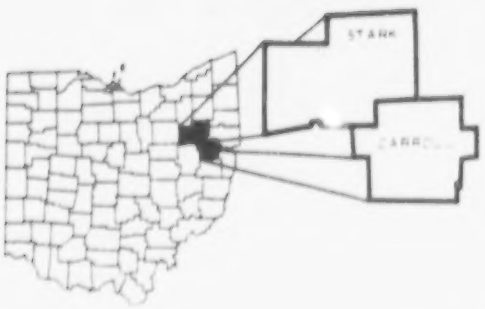
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct.[p] 1986	Sep.[r] 1986	Oct. 1985	Oct.[p] 1986	Sep.[r] 1986	Oct. 1985	Oct.[p] 1986	Sep.[r] 1986	Oct. 1985
MANUFACTURING	$489.19	$490.18	$463.84	41.1	41.3	42.1	$11.35	$11.32	$11.02
Durable Goods[c]	508.08	510.27	477.84	41.5	41.8	42.1	11.68	11.68	11.35
Fabricated metal products	657.34	641.70	578.20	46.0	46.0	42.5	14.20	13.90	13.60
Machinery except electrical	426.41	435.25	419.79	41.6	41.7	41.1	9.78	9.85	9.74
Metalworking machinery	436.74	445.54	404.78	41.6	41.8	42.9	10.04	10.08	9.44
Nondurable Goods	469.19	469.30	440.58	42.4	42.6	42.3	10.83	10.82	10.48
Food and kindred products	451.87	444.85	448.59	41.4	40.7	42.8	10.91	10.93	10.48
Chemicals and allied products	465.20	468.20	459.68	40.0	40.0	41.6	11.38	11.45	11.05
Rubber and misc. plastics products	492.16	496.18	458.82	44.1	44.5	42.8	11.16	11.15	10.72
Tires and inner tubes	708.11	705.66	630.09	48.2	48.2	45.2	14.69	14.64	13.94
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	560.85	552.68	554.86	41.3	41.0	41.8	13.58	13.48	13.27
WHOLESALE TRADE	319.60	325.17	322.43	37.6	38.3	37.8	8.50	8.49	8.53
RETAIL TRADE[c]	134.36	131.27	131.43	31.1	31.0	29.5	4.32	4.27	4.45

[a]See Technical Notes for concepts. [p]Preliminary. [r]Revised. [b]Based on unrounded figures. [c]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. [d]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, petroleum and coal products, leather and leather products. [e]Includes mining. [f]Most government employees not for profit included. [g]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. Data relate to labor-management disputes.

Selected Administrative Program Activities

	October 1986	September 1986	October 1985
Employment Service Program			
New Applicants	1,211	3,179	4,009
Active File of Job Seekers	20,882	21,487	25,823
Referrals to Jobs	1,491	1,515	2,251
Placements	495	771	1,372
Job Openings Received	714	1,004	837
Job Openings Unfilled	921	1,197	808
Unemployment Insurance Program			
Initial Claims	3,542	3,158	3,651
Continued Claims	28,844	27,859	29,632
First Payments	1,212	1,030	1,324
Last Payments	477	419	477
Weeks Compensated	20,437	17,033	21,543
Benefits Paid	$2,951,717	$2,419,154	$3,084,248
Average Weekly Payment	$148.35	$145.83	$146.78

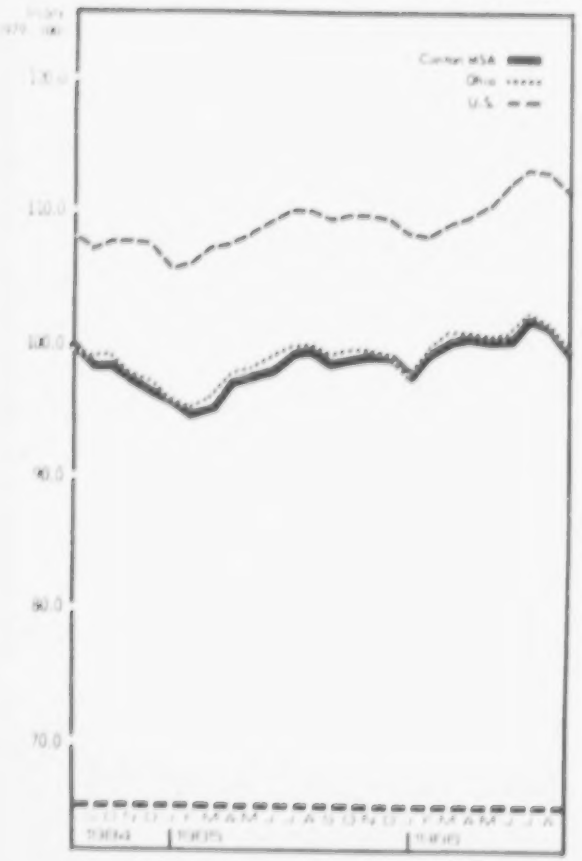
CANTON
METROPOLITAN STATISTICAL AREA



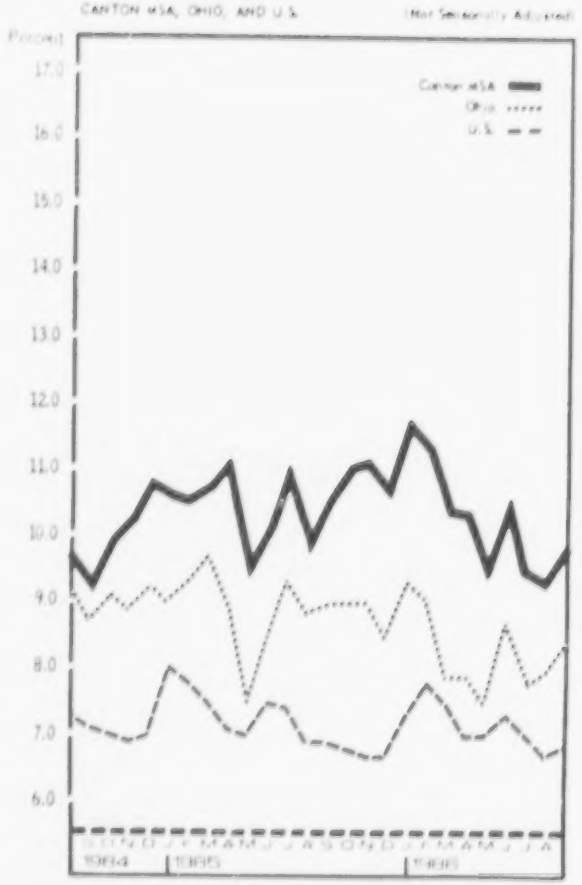
Canton's nonfarm wage and salary employment dropped 4,000 from September, to 154,700 in October. The loss was concentrated in manufacturing, as labor-management disputes in durable-goods industries helped to lower employment 5,300, to 39,600. Gains in local government schools and services helped to raise nonmanufacturing employment 1,300. Manufacturing production workers had an average workweek of 40.1 hours, up 3 hours. Their hourly earnings dropped $.17, to $11.08.

The nonagricultural wage and salary employment rose 300 from October 1985 to October 1986. There were significant gains in retail trade and services. These were nearly negated by declines in durable goods, especially primary metals, as manufacturing employment dropped 6,300.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

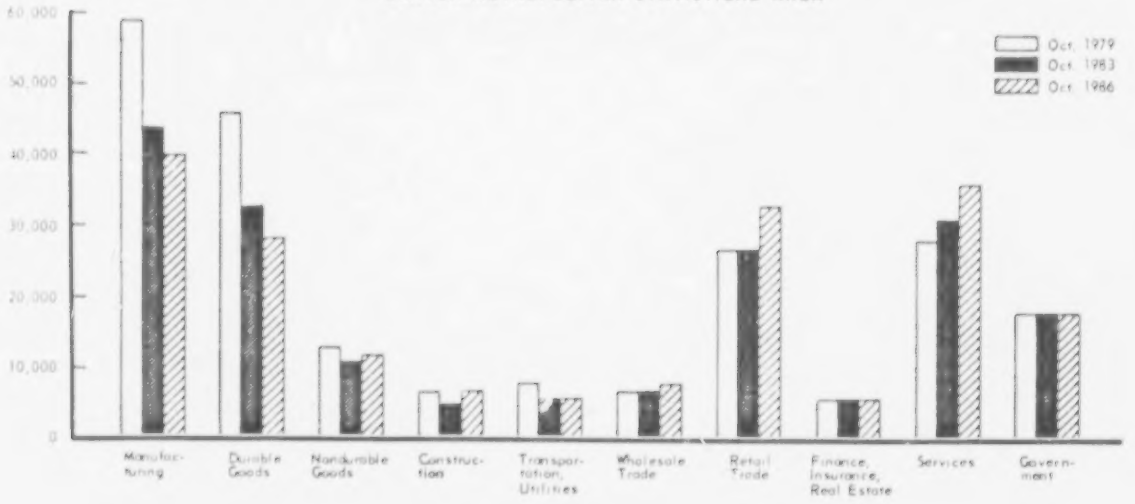


Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed			Manufacturing Production Workers					
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
178.4	159.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.19
175.9	163.1	12.9	7.3	1977	148.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.87	40.3	7.56
184.1	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.89	40.3	8.20
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	380.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	384.69	39.6	10.22
187.0	169.5	27.5	14.7	1983	143.4	43.6	30.6	422.14	39.6	10.66
188.1	169.1	19.0	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.8	20.7	10.6	1985	152.2	46.3	33.8	435.81	39.8	10.96
				1985						
190.8	170.8	20.0	10.6	September	153.9	46.4	33.4	430.30	40.1	10.97
192.8	171.7	21.1	11.0	October	154.4	46.8	33.8	442.30	40.1	11.03
193.5	172.1	21.5	11.1	November	150.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.83	40.2	11.16
				1986						
191.3	169.8	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.3	172.4	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
190.4	170.1	20.2	10.4	March	153.2	45.8	32.5	447.17	40.1	11.15
189.4	170.0	19.3	10.3	April	156.8	46.8	32.8	442.89	39.9	11.10
191.9	173.8	18.1	9.4	May	157.8	46.8	32.8	444.09	39.9	11.13
194.9	174.1	20.4	10.5	June	158.2	46.4	32.5	448.84	39.9	11.30
190.2	172.6	18.6	9.8	July	157.6	45.8	32.1	447.52	40.1	11.21
191.7	173.8	17.9	9.3	August	159.7	45.2	32.3	448.48	39.9	11.24
191.3	172.5	18.7	9.8	September	158.7	44.8	32.2	447.75	39.8	11.25
192	170	19A	10A	October	154.7	39.6	28.8	444.31	40.1	11.09

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[a] (in thousands)	
	October 1986[b]	September 1986[b]	October 1985[c]	From Last Month	From Last Year
TOTAL	154.7	158.7	154.4	- 4.0	.3
MANUFACTURING	39.8	44.3	45.8	- 5.3	- 6.2
Durable Goods[d]	28.0	33.2	34.1	- 5.2	- 6.1
Primary metal industries	9.4	11.2	11.1	- 1.8	- 1.7
Fabricated metal products	6.8	6.7	7.2	+ .1	- .4
Metal forgings and stampings	2.2	2.1	2.5	+ .1	- .3
Nondurable Goods	11.8	11.7	11.7	+ .1	+ .1
Food and kindred products	4.2	4.1	4.3	+ .1	- .1
Rubber and misc. plastics products	2.8	2.8	2.8	.0	- .3
NONMANUFACTURING	115.1	113.8	108.6	1.3	6.5
CONSTRUCTION	7.7	6.9	6.7	.8	1.0
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.1	6.3	.1	- .1
Communication, electric, gas services	2.7	2.7	2.8	.0	- .1
WHOLESALE TRADE	8.0	8.0	7.8	.0	.2
Wholesale trade-durable goods	4.5	4.5	4.5	.0	.0
RETAIL TRADE	32.8	31.4	29.8	1.4	3.0
General merchandise stores	4.2	3.8	3.9	.4	.3
Food stores	5.3	5.2	5.1	.1	.2
FINANCE, INSURANCE AND REAL ESTATE	5.2	5.2	5.1	.0	.1
Banking	1.8	1.8	1.8	.0	.0
SERVICES	36.2	35.8	33.8	.4	2.4
Health services	14.2	14.1	13.9	.1	.3
GOVERNMENT	17.6	17.1	17.3	.4	.3
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	14.6	14.1	14.4	.4	.2
Local government education	8.7	8.1	8.3	.6	.4
Local government except education	5.9	6.0	6.1	- .1	- .2

Hours & Earnings of Production or Nonsupervisory Workers[a]

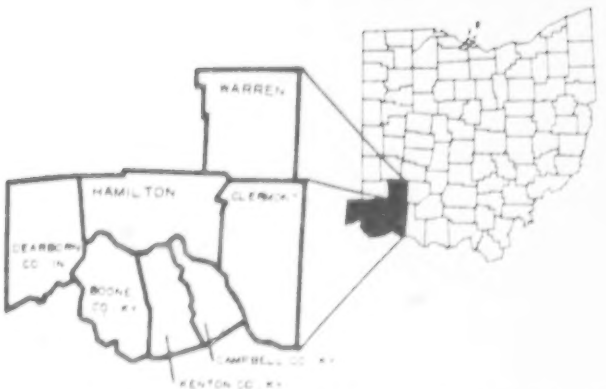
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct., 1986[b]	Sep., 1986[c]	Oct., 1985[c]	Oct., 1986[b]	Sep., 1986[c]	Oct., 1985[c]	Oct., 1986	Sep., 1986	Oct., 1985
MANUFACTURING	$444.31	$447.75	$442.30	40.1	39.8	40.1	$11.08	$11.25	$11.03
Durable Goods[d]	457.07	467.60	457.14	40.2	40.0	40.1	11.37	11.69	11.40
Primary metal industries	500.75	499.68	469.84	39.9	39.5	38.3	12.55	12.65	12.27
Fabricated metal products	504.05	494.32	491.67	42.5	41.4	41.8	11.86	11.94	11.76
Metal forgings and stampings	637.39	631.83	642.75	42.1	41.5	41.9	15.14	15.22	15.34
Nondurable Goods[d]	413.12	391.84	394.39	39.8	39.4	40.1	10.38	9.94	9.85
Food and kindred products	434.11	421.88	399.84	39.6	39.4	38.2	10.99	10.72	10.48
Rubber and misc. plastics products	428.42	422.09	486.47	41.2	40.9	47.8	10.39	10.32	10.18
TRANSPORTATION AND PUBLIC UTILITIES[e]	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	541.86	534.56	518.68	41.3	40.6	40.1	13.12	13.17	12.93
WHOLESALE TRADE	331.34	330.17	338.19	34.3	34.5	35.3	9.66	9.57	9.47
RETAIL TRADE[f]	154.73	156.42	159.94	28.6	28.7	28.4	5.41	5.45	5.44

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. [e]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [f]Includes mining. [g]Money payments only, tips not included. Depressed due to labor-management disputes.

Selected Administrative Program Activities

	October 1986	September 1986	October 1985
Employment Service Program			
New Applicants	1,515	1,528	2,498
Active File of Job Seekers	17,907	18,705	22,423
Referrals to Jobs	1,289	934	1,519
Placements	269	302	598
Job Openings Received	552	497	772
Job Openings Unfilled	352	284	321
Unemployment Insurance Program			
Initial Claims	3,931	6,893	3,911
Continued Claims	32,142	21,281	23,693
First Payments	4,446	720	1,234
Last Payments	319	361	384
Weeks Compensated	28,278	12,734	17,422
Benefits Paid	$4,350,578	$1,765,618	$2,571,214
Average Weekly Payment	$169.54	$142.82	$152.22

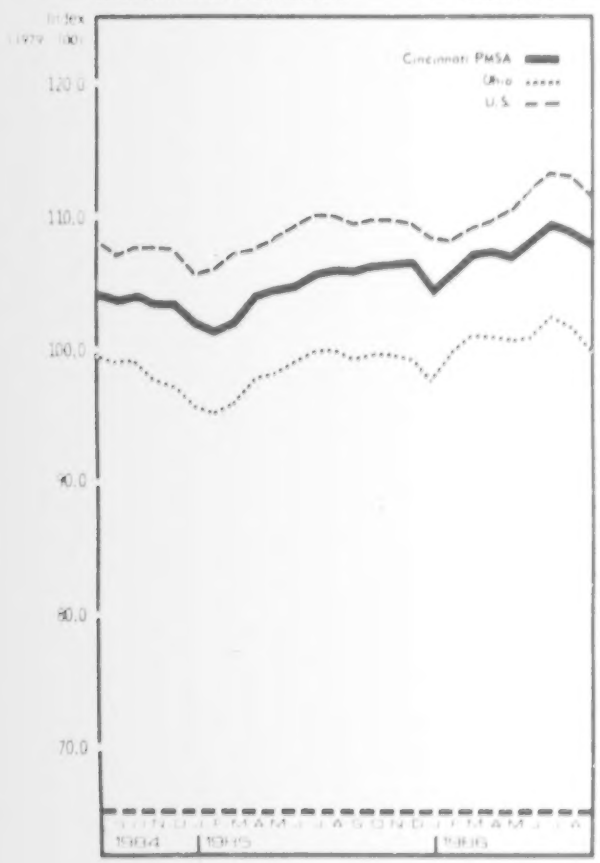
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



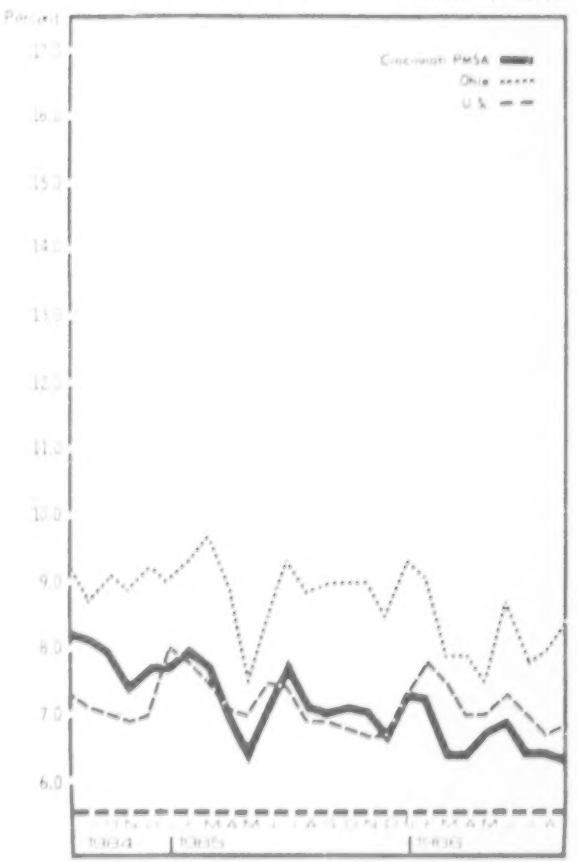
Nonagricultural wage and salary employment in Cincinnati rose 2,800 from September to 669,700 in October. Manufacturing employment increased slightly to 149,500. Seasonal gains in state and local schools and colleges, retail trade, and construction were partially offset by a large seasonal decline in services, especially amusement and recreation services. The average hourly earnings of manufacturing production workers, at $10.82, and their average workweek, at 42.4 hours, were fractionally higher.

Since October 1985, nonagricultural employment has risen 30,400. Most of the increase was in services and retail trade, although all nonmanufacturing divisions were up. Manufacturing employment was 1,000 higher, as losses in nonelectrical machinery were overshadowed by gains in chemicals and rubber and plastics.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

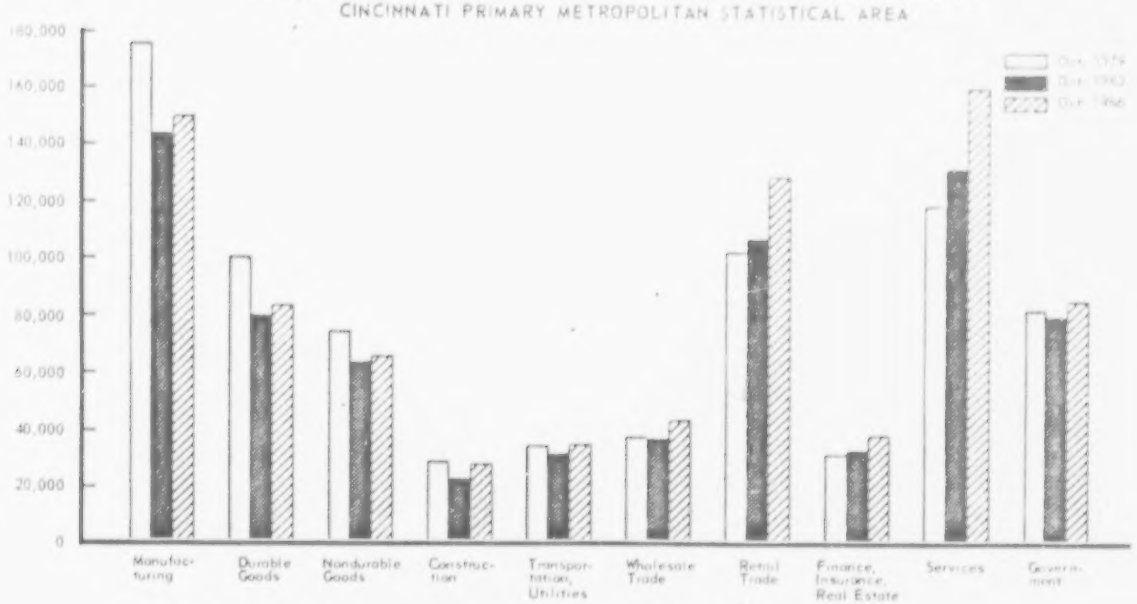


Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
596.1	551.8	43.8	7.3	1975	511.2	181.1	136.1	$261.75	40.8	$ 6.42
604.8	566.6	38.2	6.3	1976	541.8	195.5	147.8	278.32	41.1	6.77
623.4	588.7	34.7	5.6	1977	562.1	181.1	137.7	298.07	41.3	7.22
648.3	615.8	32.5	5.0	1978	591.2	189.2	146.4	328.75	42.1	7.81
663.4	628.1	35.3	5.3	1979	607.4	179.1	137.8	351.37	41.7	8.31
676.2	628.6	47.5	7.0	1980	608.7	162.4	126.8	355.77	40.9	8.70
678.5	613.3	59.1	8.7	1981	590.2	147.1	114.5	363.38	40.1	9.06
682.0	610.4	71.6	10.5	1982	575.3	140.1	108.3	382.48	40.4	9.47
687.6	615.2	72.4	10.5	1983	579.6	143.4	87.7	415.36	41.1	10.11
696.9	638.4	57.5	8.3	1984	609.8	165.2	86.5	441.41	42.9	10.29
708.1	657.1	51.0	7.2	1985	629.2	167.7	88.7	441.79	43.1	10.25
				1985						
714.8	664.7	50.1	7.0	September	639.9	168.1	87.7	444.57	43.3	10.28
715.5	667.4	48.1	6.7	October	639.1	168.0	87.1	442.80	43.3	10.23
718.4	668.5	50.0	7.0	November	642.9	169.0	87.5	442.58	43.2	10.25
716.7	669.1	47.6	6.6	December	645.7	169.6	87.5	438.90	43.0	10.20
				1986						
704.3	663.0	51.4	7.3	January	632.9	164.1	86.7	448.20	43.9	10.21
715.7	667.3	48.4	6.8	February	633.5	166.1	86.6	438.24	43.1	10.17
718.6	672.5	46.1	6.4	March	638.3	167.1	87.1	443.10	43.3	10.23
720.1	674.1	46.0	6.4	April	640.6	168.7	86.1	441.76	43.2	10.23
720.3	671.3	48.4	6.7	May	642.4	169.1	87.1	444.48	43.4	10.24
720.5	670.8	50.8	6.9	June	643.6	168.4	86.3	448.80	43.6	10.30
735.1	688.1	46.9	6.4	July	655.7	167.4	86.4	444.96	43.3	10.27
730.7	684.2	46.5	6.4	August	656.1	168.2	86.8	447.21	43.4	10.31
723.3	676.3	47.0	6.5	September	655.1	167.9	86.4	444.24	43.2	10.28
156	156	154	154	October	660.7	168.2	86.7	448.20	43.4	10.33

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Cincinnati PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	October 1986[b]	September 1986[c]	October 1985[c]	From Last Month	From Last Year
TOTAL	669.7	668.9	659.1	.8	10.6
MANUFACTURING	149.5	149.5	148.3	.1	1.2
Durable Goods[e]	81.5	81.7	84.2	- .2	- 2.7
Fabricated metal products	10.9	10.9	11.0	.0	- .1
Fabricated structural metal products	4.0	3.9	4.1	.1	- .1
Machinery, except electrical	20.4	20.5	21.6	- .1	- 1.2
Metalworking machinery	8.7	8.8	9.0	- .1	- .3
General industrial machinery	2.8	2.8	3.1	.0	- .3
Electric and electronic equipment	9.7	9.7	9.6	.0	.1
Transportation equipment	29.1	29.1	28.8	.0	.3
Motor vehicles and equipment	8.5	8.7	8.9	- .1	- .4
Nondurable Goods	68.0	67.8	64.1	.2	3.9
Food and kindred products	13.0	12.9	13.1	.1	- .1
Beverages	4.1	4.2	4.2	- .1	- .1
Apparel and other textile products	3.6	3.4	3.9	.2	- .3
Paper and allied products	6.3	6.4	6.2	- .1	.1
Printing and publishing	12.5	12.2	12.5	.3	.0
Commercial printing	5.4	5.3	5.5	.1	- .1
Chemicals and allied products	22.2	22.2	22.8	.0	- .6
Rubber and misc. plastics products	5.8	5.9	5.2	- .1	.6
NONMANUFACTURING	520.1	519.4	510.8	.7	9.3
CONSTRUCTION	27.8	27.0	25.9	.8	1.9
TRANSPORTATION AND PUBLIC UTILITIES	34.9	34.7	34.0	.2	.9
Trucking and warehousing	10.8	10.8	10.7	.1	.1
Communication, electric, gas services	14.8	14.8	14.8	- .1	- .1
WHOLESALE TRADE	43.6	43.3	42.5	.2	1.1
Wholesale trade-durable goods	25.8	25.7	24.6	.1	1.2
RETAIL TRADE	129.4	128.2	123.2	1.2	6.2
General merchandise stores	21.4	20.6	19.8	.9	1.6
FINANCE, INSURANCE AND REAL ESTATE	39.1	38.9	38.7	.1	.4
Banking	8.1	8.1	7.9	.0	.4
Insurance carriers	12.0	12.0	11.8	.0	.2
SERVICES	159.8	162.4	149.0	- 2.5	10.9
Hotels and other lodging places	6.6	7.2	6.2	- .7	.3
Personal services	8.4	8.3	7.8	.1	.6
Business services	38.5	38.9	34.0	- .4	4.5
Amusement and recreation services	6.9	9.3	5.5	- 2.4	1.5
Health services	48.1	47.9	46.5	.2	1.6
GOVERNMENT	86.0	83.5	83.1	2.6	2.9
Federal government	12.9	12.9	12.7	.1	.2
State government	19.6	18.3	19.0	1.3	.6
State government education	11.9	10.4	11.8	1.4	.1
State government, except education	7.7	7.9	7.2	- .2	.5
Local government	53.5	52.3	51.5	1.2	2.0
Local government education	31.0	29.8	29.5	1.3	1.6
Local government, except education	22.5	22.5	22.0	- .1	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct.* 1986	Sep.* 1986	Oct.* 1985	Oct.* 1986	Sep.* 1986	Oct.* 1985	Oct.* 1986	Sep.* 1986	Oct.* 1985
MANUFACTURING	$456.77	$456.84	$				$	$	$
Durable Goods*									
Fabricated metal products									
Fabricated structural metal products									
Machinery, except electrical									
Metalworking machinery									
General industrial machinery									
Electrical and electronic equipment									
Transportation equipment									
Motor vehicles and equipment									
Nondurable Goods									
Food and kindred products									
Beverages									
Apparel and other textile products									
Paper and allied products									
Printing and publishing									
Commercial printing									
Chemicals and allied products									
Rubber and misc. plastics products									
TRANSPORTATION AND PUBLIC UTILITIES									
Communication, electric, gas services									
WHOLESALE TRADE									
RETAIL TRADE									
FINANCE, INSURANCE AND REAL ESTATE									
Banking									

*See Technical Notes for complete title. *Revised.* [Illegible] [a]Data not adjusted for [illegible]

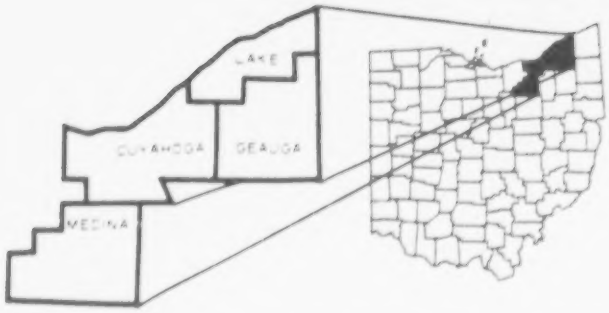
Selected Administrative Program Activities[a]

Employment Service Program			
New Applicants			
Active File of Job Seekers			
Referrals to Jobs			
Placements			
Job Openings Received			
Job Openings Unfilled			
Unemployment Insurance Program			
Initial Claims			
Continued Claims			
First Payments			
Last Payments			
Weeks Compensated			
Benefits Paid			
Average Weekly Payment			

*Revised.

[a]Ohio data only

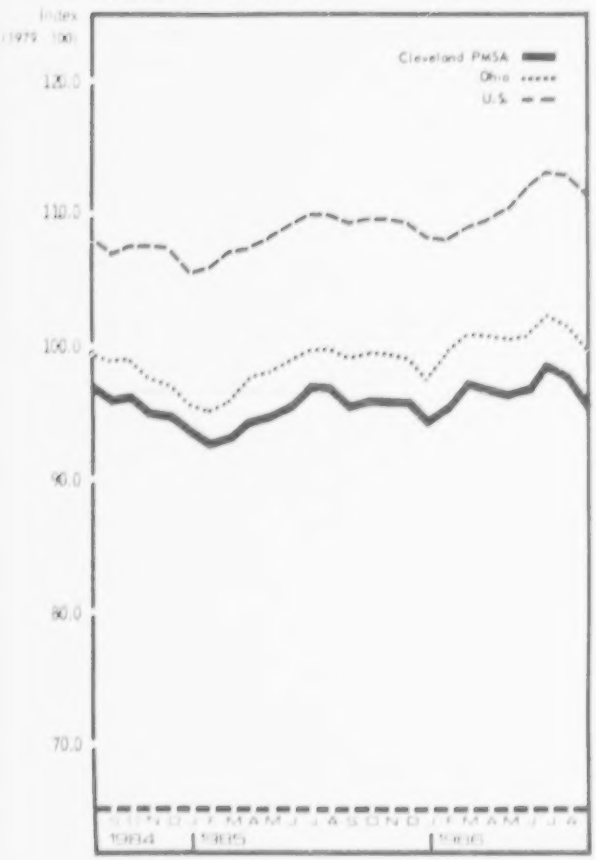
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



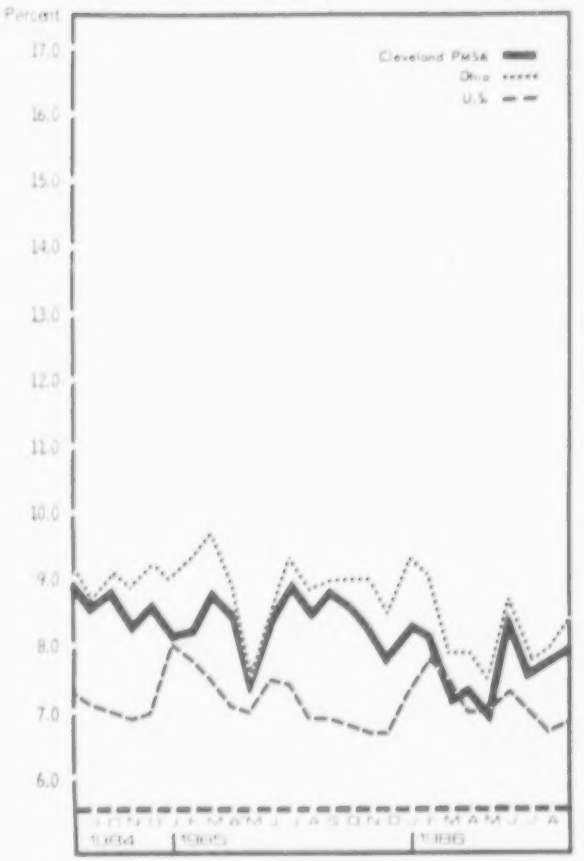
Nonfarm establishments in the Cleveland PMSA employed 897,900 in October, up 2,000 from September. Increases in local government schools and services accounted for most of the gain. Manufacturing employment, at 202,600, fell 1,400 from September. Several industries had lower employment, with motor vehicles and equipment the most significant. Factory production workers earned an average of $11.39 per hour, down $.05 from September. Their average workweek shrank .2 hours, to 42.2 hours.

Gains in services, retail trade, finance, insurance, and real estate, and local government boosted nonagricultural wage and salary employment 17,300 from October 1985. Manufacturing employment fell 6,300 over the year. Nearly all industries had reduced employment, with the largest losses in nonelectrical machinery, transportation equipment, and instruments and related products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



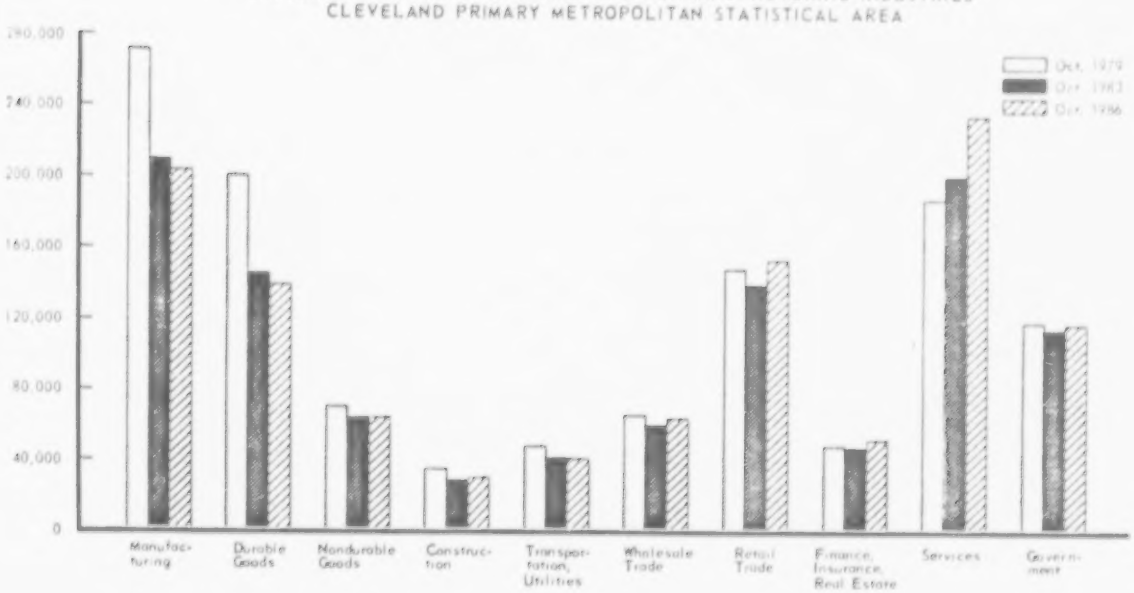
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagriculture Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	288.3	176.3	$227.95	41.0	$5.63
897.7	834.4	63.3	7.0	1976	860.9	295.1	183.9	250.22	41.9	6.02
908.5	862.4	46.0	5.0	1977	881.9	299.9	194.1	273.39	42.0	6.46
921.7	879.5	43.2	4.7	1978	905.8	305.6	198.2	301.36	42.3	7.03
935.8	889.1	46.7	5.0	1979	919.8	306.1	194.8	337.89	42.3	7.71
937.1	893.1	44.0	4.7	1980	905.2	294.3	183.2	370.38	41.8	8.33
935.9	859.1	76.8	8.2	1981	885.7	286.8	181.9	398.44	41.4	8.87
933.4	835.2	100.2	10.7	1982	866.6	273.7	171.9	402.96	39.9	9.09
928.7	823.4	105.3	11.3	1983	873.8	278.1	175.4	419.41	40.4	9.39
923.9	841.0	82.5	8.9	1984	894.5	293.1	187.5	448.13	42.4	9.98
922.7	845.5	76.5	8.3	1985	903.7	300.7	191.1	467.14	42.9	10.29
				1985						
929.5	848.4	81.6	8.8	September	898.1	299.4	190.1	470.32	43.0	10.48
932.3	853.7	78.3	8.5	October	898.6	298.7	189.4	467.64	42.9	10.43
930.1	853.6	76.4	8.2	November	899.7	298.7	189.8	469.38	43.0	10.47
929.1	852.1	77.1	8.3	December	899.7	298.1	189.3	468.11	42.9	10.48
				1986						
933.8	857.3	76.6	8.2	January	898.8	297.4	188.8	474.03	43.2	10.51
928.2	854.1	74.1	8.0	February	903.1	298.1	189.4	477.24	43.2	10.59
931.6	866.1	66.1	7.1	March	905.3	299.7	190.7	488.16	43.5	10.74
929.7	863.2	67.2	7.2	April	909.8	300.7	191.8	479.37	43.1	10.68
928.2	859.9	68.3	7.4	May	910.3	301.0	192.2	482.04	43.2	10.73
930.1	861.6	68.7	7.4	June	908.5	299.6	190.9	488.28	43.3	10.81
928.6	859.1	69.5	7.5	July	909.1	299.1	190.8	493.37	43.3	10.89
930.2	862.0	68.2	7.3	August	912.4	299.9	191.4	499.36	43.3	10.97
929.6	861.8	67.8	7.3	September	916.1	301.4	192.3	497.31	43.2	10.99
159	159	159	159	October	917.3	302.1	192.9	498.96	43.2	11.03

(All Employment Data Subject)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	October 1986[b]	September 1986[c]	October 1985[c]	From Last Month	From Last Year
TOTAL	897.9	895.9	880.8	2.0	17.1
MANUFACTURING	202.8	204.2	208.9	- 1.4	- 6.1
Durable Goods[d]	139.7	139.9	144.1	- 0.2	- 4.4
Primary metal industries	21.8	21.8	22.1	0.0	- 0.3
Blast furnace and basic steel products	13.1	13.1	13.4	0.0	- 0.3
Iron and steel foundries	5.1	5.2	5.5	- 0.1	- 0.4
Fabricated metal products	32.1	32.4	32.8	- 0.3	- 0.7
Fabricated structural metal products	3.8	3.9	3.7	- 0.1	0.1
Screw machine products, bolts, etc.	4.7	4.8	4.8	- 0.1	- 0.1
Metal forgings and stampings	10.6	10.5	10.8	0.1	- 0.2
Machinery, except electrical	30.7	31.0	32.8	- 0.3	- 2.1
Construction and related machinery	3.2	3.2	3.2	0.0	0.0
Metalworking machinery	9.0	9.2	10.3	- 0.2	- 1.3
Special industry machinery	3.7	3.7	3.8	0.0	- 0.1
General industrial machinery	2.3	2.3	2.2	0.0	0.1
Electric and electronic equipment	18.8	18.8	19.1	0.0	- 0.3
Electrical industrial apparatus	6.6	6.6	6.8	0.0	- 0.2
Transportation equipment	16.3	15.1	15.7	1.2	0.6
Motor vehicles and equipment	11.9	10.7	11.1	1.2	0.8
Instruments and related products	7.2	7.1	7.3	0.1	- 0.1
Measuring and controlling devices	4.7	4.7	4.8	0.0	- 0.1
Nondurable Goods	63.1	64.3	64.8	- 1.2	- 1.7
Food and kindred products	7.4	7.4	7.5	0.0	- 0.1
Apparel and other textile products	4.7	4.6	4.8	0.1	- 0.1
Paper and allied products	5.4	5.3	5.2	0.1	0.2
Printing and publishing	15.3	15.3	15.4	0.0	- 0.1
Chemicals and allied products	13.0	13.7	14.2	- 0.7	- 1.2
Rubber and misc. plastics products	11.2	12.2	12.2	- 1.0	- 1.0
NONMANUFACTURING	695.1	691.7	671.7	3.4	23.4
CONSTRUCTION	31.1	31.6	30.8	- 0.5	0.3
TRANSPORTATION AND PUBLIC UTILITIES	42.4	42.4	41.7	0.0	0.7
Trucking and warehousing	12.1	11.9	11.8	0.2	0.3
Communication, electric, gas services	18.0	18.1	18.0	- 0.1	0.0
WHOLESALE TRADE	54.2	54.2	53.7	0.0	0.5
Wholesale trade, durable goods	44.8	44.8	44.3	0.0	0.5
RETAIL TRADE	152.7	152.3	147.9	0.4	4.8
General merchandise stores	20.4	19.9	20.6	0.5	- 0.2
FINANCE, INSURANCE AND REAL ESTATE	62.7	62.7	60.3	0.0	2.4
Banking	13.1	13.4	13.4	- 0.3	- 0.3
Credit agencies other than banks	8.7	8.8	8.3	- 0.1	0.4
Insurance carriers	12.1	12.2	11.8	- 0.1	0.3
SERVICES	233.7	232.6	221.2	1.1	12.5
Business services	52.2	52.0	47.4	0.2	4.8
Amusement and recreation services	7.1	8.7	7.5	- 1.6	- 0.4
Health services	71.1	70.1	68.3	1.0	2.8
GOVERNMENT	117.4	115.0	115.1	2.4	2.3
Federal government	19.9	19.9	19.7	0.0	0.2
State government	8.0	7.8	7.8	0.2	0.2
State government education	3.1	2.4	3.0	0.7	0.1
State government except education	5.0	5.4	4.8	- 0.4	0.1
Local government	89.5	87.3	87.6	2.2	1.9
Local government education	46.4	42.5	43.7	1.9	2.7
Local government except education	44.9	44.8	43.7	0.1	1.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

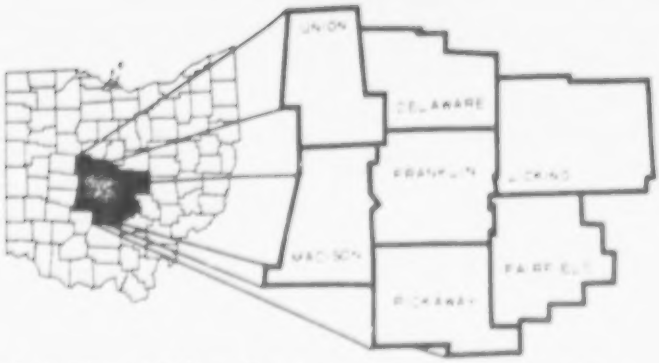
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct., 1995[r]	Sept., 1995	Oct., 1994	Oct., 1995[r]	Sept., 1995	Oct., 1994	Oct., 1995[r]	Sept., 1995	Oct., 1994
MANUFACTURING	$480.65	$485.06	$467.58	42.2	42.4	41.6	$11.39	$11.44	$11.24
Durable Goods[r]	510.35	517.68	500.49	42.6	42.7	42.2	11.98	12.13	11.86
Primary metal industries	575.29	591.65	540.60	42.9	43.6	40.9	13.41	13.57	13.21
Blast furnace and basic steel products	534.26	568.14	509.64	39.4	42.1	37.2	13.56	13.49	13.70
Iron and steel foundries	817.90	793.28	727.52	48.8	48.4	46.9	16.76	16.39	15.51
Fabricated metal products	508.21	501.60	486.24	43.4	42.9	42.3	11.71	11.69	11.49
Fabricated structural metal products	413.76	412.02	359.41	44.3	47.6	39.1	9.34	8.66	9.19
Screw machine products, bolts, etc.	432.21	435.56	402.24	41.8	44.0	41.2	10.34	9.90	9.76
Metal forgings and stampings	667.10	655.85	636.08	45.1	45.2	44.8	14.79	14.51	14.19
Machinery, except electrical	456.36	448.36	471.36	42.2	41.4	45.4	10.80	10.83	10.38
Construction and related machinery	431.25	430.33	425.23	40.1	41.6	44.2	9.64	9.34	9.62
Metalworking machinery	422.79	407.43	384.47	40.8	40.1	39.8	10.36	10.16	9.66
Special industry machinery	492.96	492.25	502.71	41.8	41.4	45.1	11.80	11.89	11.15
General industrial machinery	480.24	466.15	442.54	43.1	42.1	44.4	11.14	11.07	9.97
Electric and electronic equipment	421.14	425.72	421.27	40.1	40.5	40.4	10.50	10.51	10.43
Electrical industrial apparatus	444.37	448.28	451.98	40.6	41.2	42.2	10.95	10.88	10.71
Transportation equipment	680.69	701.67	651.68	45.3	46.4	45.3	15.03	15.12	14.38
Motor vehicles and equipment	718.23	737.68	726.97	45.4	46.6	45.4	15.82	15.83	16.01
Instruments and related products	402.21	407.55	423.72	41.3	41.5	42.6	9.74	9.82	9.95
Measuring and controlling devices	395.29	402.57	396.23	40.9	41.7	42.1	9.66	9.65	9.41
Nondurable Goods	410.21	414.54	384.30	41.3	41.6	40.1	9.93	9.96	9.59
Food and kindred products	388.74	402.32	363.31	40.7	41.6	40.0		9.67	9.08
Apparel and other textile products	311.21	308.70	277.91	39.8	39.2	38.9	7.82	7.88	7.14
Paper and allied products	471.78	481.62	454.24	43.6	44.7	43.1	10.82	10.90	10.54
Printing and publishing	401.44	411.09	370.69	37.6	38.1	37.6	10.68	10.79	9.86
Chemicals and allied products	503.44	517.68	471.51	41.4	41.7	40.9	12.16	12.41	11.53
Rubber and misc. plastics products	380.83	387.34	354.20	41.2	41.7	40.9	9.24	9.29	8.66
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	670.15	675.97	630.44	41.7	41.8	41.5	16.07	16.16	15.19
WHOLESALE TRADE	556.44	568.28	518.34	40.7	39.1	39.9	13.67	14.53	12.99
RETAIL TRADE	181.61	181.48	177.43	29.6	29.5	29.6	6.14	6.15	5.99
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	371.42	370.47	358.56	.....	.....	.....	.....	.....	.....

[See Technical Notes for concepts. [r]Revised. [a]Based on unrounded figures. [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; miscellaneous manufacturing. [c]Includes tobacco manufactures, leather and leather products, petroleum and coal products, ordnance, and leather products. [d]Includes mining. [e]Money payments only; tips not included. [f]Includes Bank of Cleveland. [g]Includes the agencies of Medicaid and the Ohio Department of Education. [h]Deflated due to labor management dispute.

Selected Administrative Program Activities

	Oct., 1995	Sept., 1995	Oct., 1994
Employment Service Program			
New Applicants	5,775	5,332	5,934
Active File of Job Seekers	124,071	126,427	115,387
Referrals to Jobs	4,095	3,708	3,671
Placements	2,106	1,751	1,997
Job Openings Received	1,951	1,561	1,911
Job Openings Unfilled	1,710	1,554	1,920
Unemployment Insurance Program			
Initial Claims	5,923	7,206	5,800
Continued Claims	44,236	50,879	39,267
First Payments	5,186	6,809	5,754
Last Payments	4,974	4,478	4,440
Weeks Compensated	33,585	40,879	40,262
Benefits Paid	$6,211,489	$7,516,708	$6,805,262
Average Weekly Payment	$184.95	$183.91	$167.88

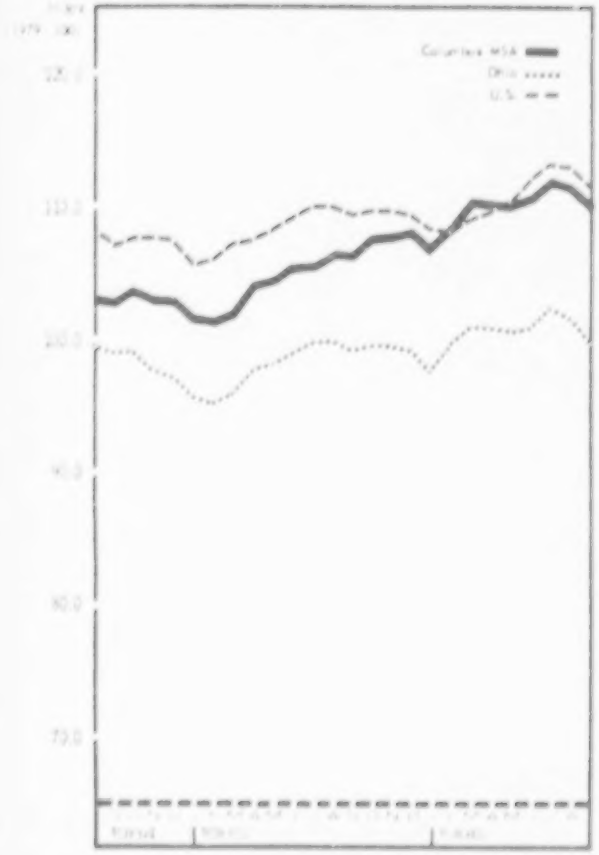
COLUMBUS
METROPOLITAN STATISTICAL AREA



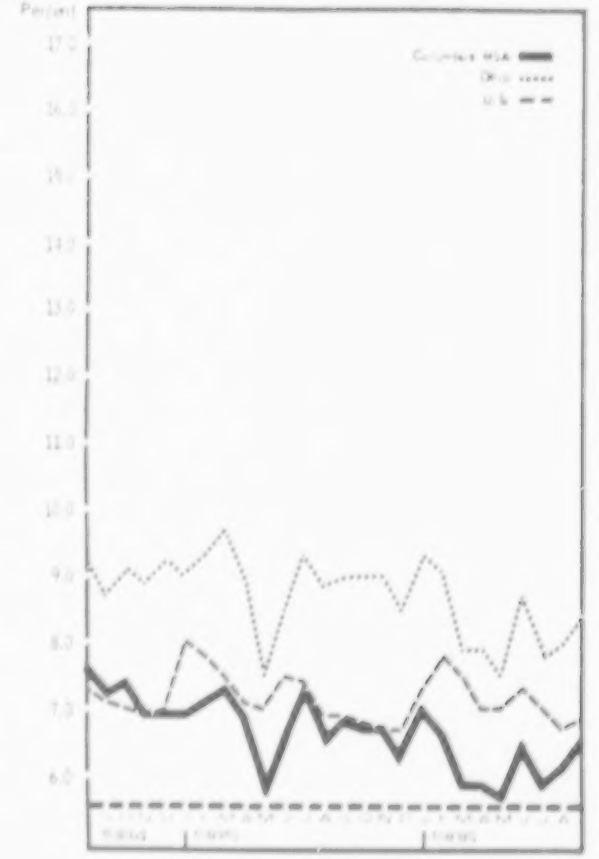
Nonagricultural payroll employment in the Columbus MSA in October advanced 7,400 from September, to 659,200. Government had the largest gain, as nonteaching employees returned to educational institutions. Retail trade and services also had noteworthy increases. Losses in stone, clay, and glass products and nonelectrical machinery reduced manufacturing employment 2,300, to 103,800. Production workers in manufacturing worked an average of 40.8 hours per week, down .5 hours from September. Their average hourly earnings were unchanged at $11.28.

Services and retail trade had large employment gains from October 1985, helping to raise nonfarm wage and salary employment 35,200. Most nonmanufacturing industries had increased employment. Declines in stone, clay, and glass products, nonelectrical machinery, and fabricated metal products more than offset a sizable increase in transportation equipment, lowering manufacturing employment 2,900 over the year.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. Not Seasonally Adjusted



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. Not Seasonally Adjusted

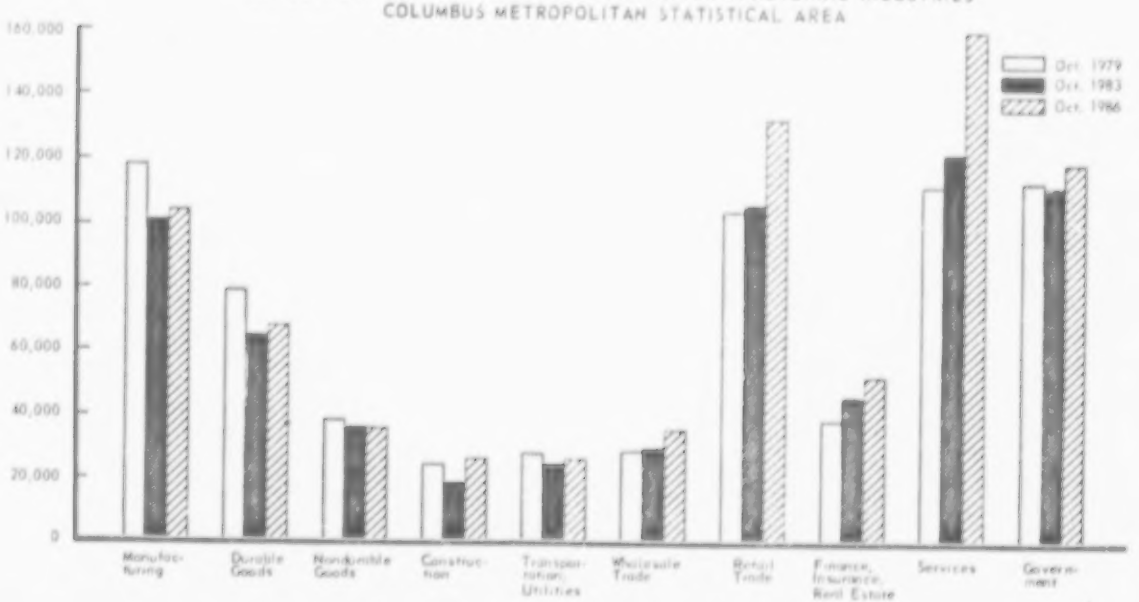


Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
N/A	N/A	N/A	N/A	1975	469.2	139.8	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1976	503.3	148.1	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1977	537.6	155.6	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1978	563.2	157.0	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1979	558.0	157.8	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1980	500.7	132.6	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1981	506.3	128.1	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1982	544.0	131.7	N/A	N/A	N/A	N/A
647.7	587.4	60.3	9.3	1983	568.5	138.7	N/A	N/A	N/A	N/A
633.5	586.3	47.2	7.4	1984	579.4	144.3	40.3	$405.18	40.5	$10.62
650.4	606.7	43.7	6.7	1985	606.4	146.3	40.8	447.35	40.3	11.83
				1985						
657.3	613.3	44.0	6.8	September	616.4	148.9	41.0	455.33	41.7	10.92
666.9	622.1	44.7	6.7	October	625.8	148.7	41.2	460.39	41.4	10.99
667.3	622.6	44.7	6.7	November	627.4	150.0	41.3	459.57	41.7	10.95
665.1	624.1	41.0	6.2	December	631.4	147.1	41.4	465.14	41.8	11.08
				1986						
661.1	615.1	46.0	7.0	January	603.7	138.9	39.6	433.98	40.9	11.05
671.5	627.1	44.5	6.6	February	613.1	139.1	39.9	433.46	41.0	11.08
676.4	637.2	39.1	5.8	March	624.1	140.7	39.4	440.58	41.3	11.15
675.6	636.5	39.1	5.8	April	628.1	140.7	39.5	442.44	41.4	11.17
672.8	634.8	37.8	5.6	May	630.7	140.7	39.5	443.44	41.2	11.20
683.7	639.4	44.3	6.5	June	636.9	140.7	39.5	448.23	41.3	11.23
686.3	646.7	39.7	5.8	July	640.3	141.4	39.6	450.19	41.3	11.23
686.3	644.5	41.8	6.1	August	644.9	142.2	39.9	451.18	41.3	11.28
676.0	634.1	44.0	6.5	September	651.9	139.4	39.7	449.98	41.3	11.29
N/A	N/A	N/A	N/A	October	649.7	137.9	39.5	450.27	41.3	11.29

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[a] (in thousands)	
	October 1986[b]	September 1986[c]	October 1985[c]	From Last Month	From Last Year
TOTAL	659.2	661.8	623.9	-2.6	35.3
MANUFACTURING	103.8	105.1	105.7	-1.3	-1.9
Durable Goods	67.6	69.0	70.8	-1.4	-3.2
Stone, clay, and glass products	10.8	12.1	12.2	-1.3	-1.4
Glass and glassware, pressed or blown	3.1	4.0	4.0	-0.9	-0.9
Fabricated metal products	9.5	9.8	10.4	-0.3	-0.9
Fabricated structural metal products	3.0	3.1	3.2	-0.1	-0.2
Machinery, except electrical	8.8	9.4	10.1	-0.6	-1.3
Electric and electronic equipment	10.5	10.6	11.1	-0.1	-0.6
Transportation equipment	16.8	16.3	15.7	0.5	1.1
Instruments and related products	4.1	4.1	4.2	0.0	-0.1
Nondurable Goods	36.2	36.1	35.0	0.1	1.2
Food and kindred products	9.7	9.8	9.6	-0.1	0.1
Printing and publishing	10.1	10.0	9.7	0.1	0.4
Chemicals and allied products	6.8	7.2	6.8	-0.4	0.0
Rubber and misc. plastics products	5.1	5.2	5.2	-0.1	-0.1
NONMANUFACTURING	555.4	556.7	518.2	-1.3	37.2
CONSTRUCTION	28.7	29.0	27.8	-0.3	0.9
TRANSPORTATION AND PUBLIC UTILITIES	37.2	36.7	35.2	0.5	2.0
Trucking and warehousing	11.8	11.6	10.9	0.2	0.9
Communication and electric, gas services	10.7	10.7	11.1	0.0	-0.4
WHOLESALE TRADE	35.6	35.6	34.1	0.0	1.5
Wholesale trade-durable goods	23.8	23.9	22.7	-0.1	1.1
RETAIL TRADE	133.1	133.1	123.6	0.0	9.5
General merchandise stores	17.2	16.2	16.0	1.0	1.2
FINANCE, INSURANCE AND REAL ESTATE	53.0	52.8	49.7	0.2	3.3
Banking	11.8	11.8	10.9	0.0	0.9
Insurance carriers	20.5	20.4	19.6	0.1	0.9
SERVICES	160.4	159.0	144.0	1.4	16.4
Business services	38.2	37.3	32.1	0.9	6.1
Health services	38.3	38.1	36.1	0.2	2.2
GOVERNMENT	118.5	112.9	114.9	5.7	3.6
Federal government	15.5	15.5	15.1	0.0	0.4
State government	52.1	47.4	50.8	4.7	1.4
State government education	22.5	17.8	22.3	4.7	0.2
State government, except education	29.6	29.6	28.3	0.0	1.3
Local government	50.9	49.9	49.2	1.0	1.8
Local government education	30.5	29.5	29.3	1.0	1.1
Local government, except education	20.5	20.5	19.8	0.0	0.8

Hours & Earnings of Production or Nonsupervisory Workers[a]

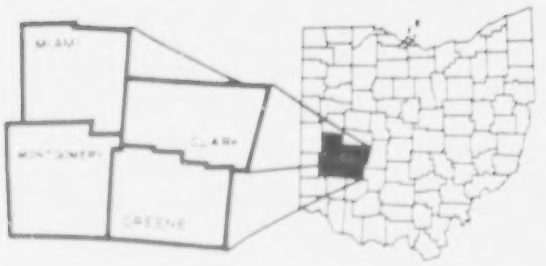
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1986[b]	Sep. 1986[c]	Oct. 1985[c]	Oct. 1986[b]	Sep. 1986[c]	Oct. 1985[c]	Oct. 1986[b]	Sep. 1986[c]	Oct. 1985[c]
MANUFACTURING	$460.22	$465.86	$445.26	40.8	41.3	41.0	$11.28	$11.28	$10.86
Durable Goods[d]	471.62	479.00	462.27	40.9	41.4	41.3	11.58	11.57	11.27
Stone, clay, and glass products	474.81	464.88	475.78	39.8	39.0	40.7	11.93	11.92	11.69
Glass and glassware, pressed or blown	483.05	464.06	441.86	42.4	40.6	39.7	11.26	11.47	11.13
Fabricated metal products	471.66	484.33	463.70	40.2	40.7	40.8	11.79	11.90	11.16
Fabricated structural metal products	417.18	438.68	389.22	40.7	41.7	39.2	10.25	10.52	9.93
Machinery, except electrical	447.32	437.00	411.48	41.2	41.5	40.5	10.68	10.53	10.16
Electric and electronic equipment	446.82	458.27	442.42	40.2	41.1	40.7	11.11	11.15	10.87
Transportation equipment	565.99	568.89	528.77	43.0	44.1	43.2	12.91	12.88	12.24
Instruments and related products	394.18	394.47	380.97	40.7	40.5	40.4	9.63	9.74	9.47
Nondurable Goods	432.23	435.83	407.54	40.7	41.2	41.0	10.60	10.63	9.94
Food and kindred products	423.92	431.79	396.85	41.4	41.8	40.9	10.23	10.33	9.75
Printing and publishing	502.44	507.05	474.77	39.5	39.8	39.4	12.72	12.74	12.05
Chemicals and allied products	498.58	509.40	495.86	40.8	41.1	42.4	12.22	12.41	11.69
Rubber and misc. plastics products	342.38	334.51	328.32	41.3	41.4	40.2	8.29	8.08	8.16
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	575.29	563.68	519.38	41.9	41.8	40.6	13.73	13.49	12.80
WHOLESALE TRADE	333....	340.27	296.76	38.4	38.6	38.1	8.74	8.81	7.73
RETAIL TRADE	183.47	189.02	170.82	28.1	28.5	25.2	6.84	6.78	6.69
FINANCE, INSURANCE AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	244.33	244.17	237.92	....	....	....	.....	.....	.....

[See Technical Notes for concepts. Preliminary. Revised. Based on unrounded figures. Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. Includes mining. Money payments only. Not included: The Ohio State University, State schools for the deaf and blind and the State Library. Excludes hospitals and all federal agencies except agricultural research centers and the Ohio Department of Education. Decreased due to labor-management disputes.

Selected Administrative Program Activities

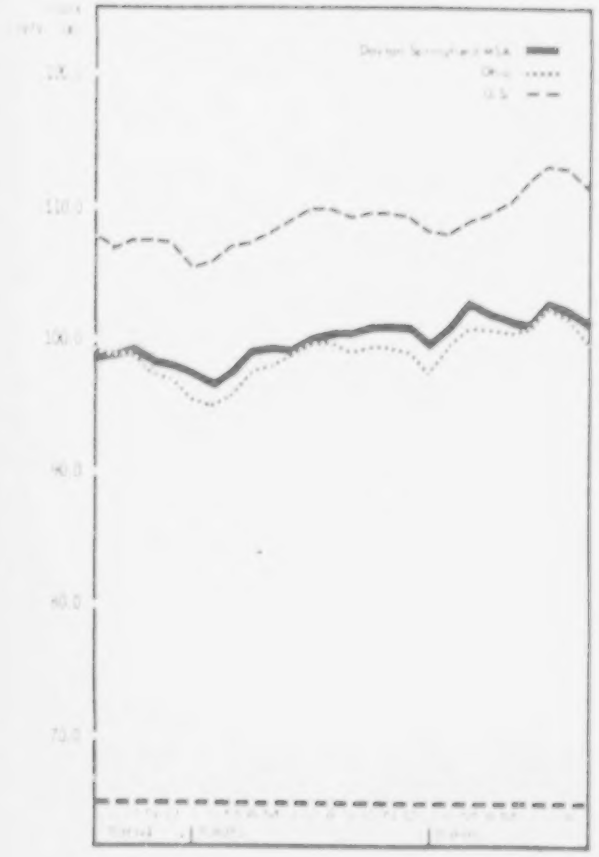
	October 1986	September 1986	October 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	4,935	4,866	7,732
Active File of Job Seekers	35,113	36,884	44,274
Referrals to Jobs	3,238	3,153	5,134
Placements	1,046	1,147	1,308
Job Openings Received	2,795	2,811	3,171
Job Openings Unfilled	5,813	6,854	7,884
Unemployment Insurance Program			
Initial Claims	8,181	4,970	5,231
Continued Claims	39,960	35,318	37,823
First Payments	2,225	1,681	1,779
Last Payments	883	498	655
Weeks Compensated	31,815	25,227	30,157
Benefits Paid	$4,768,884	$3,625,454	$4,291,841
Average Weekly Payment	$153.31	$147.17	$146.60

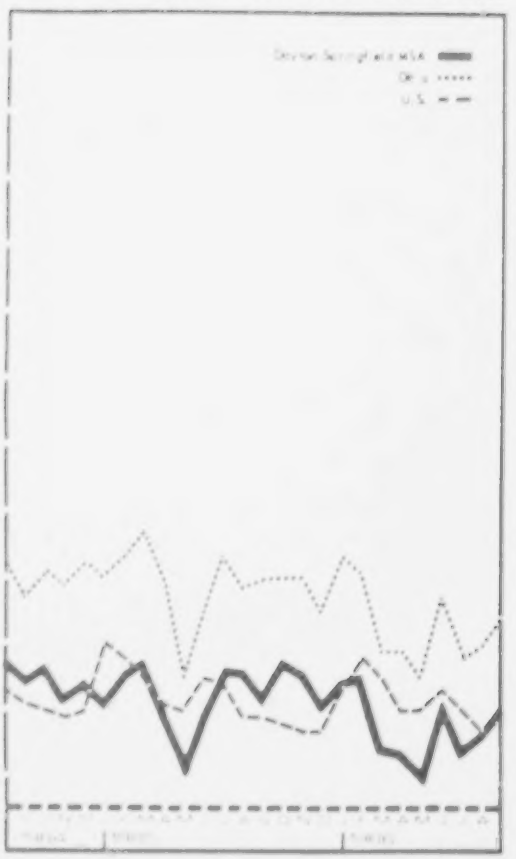
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



Increases in local and state government education, retail trade, and services raised nonagricultural wage and salary employment 2,200, to 429,800 in October. Manufacturing employment, at 104,200, was down 600. A decline in rubber and plastics products was responsible for the downturn, along with scattered losses in durable goods. Factory production workers had average hourly earnings of $11.97 in October, down $.07 from September. Their average workweek dropped one hour, to 41.9 hours.

Nonagricultural payroll employment rose 14,300 from October 1985. Services, retail trade, and construction accounted for most of the increase. Manufacturing employment dropped 2,800 over the year, due chiefly to losses in nonelectrical machinery, rubber and plastics products, and electric and electronic equipment.

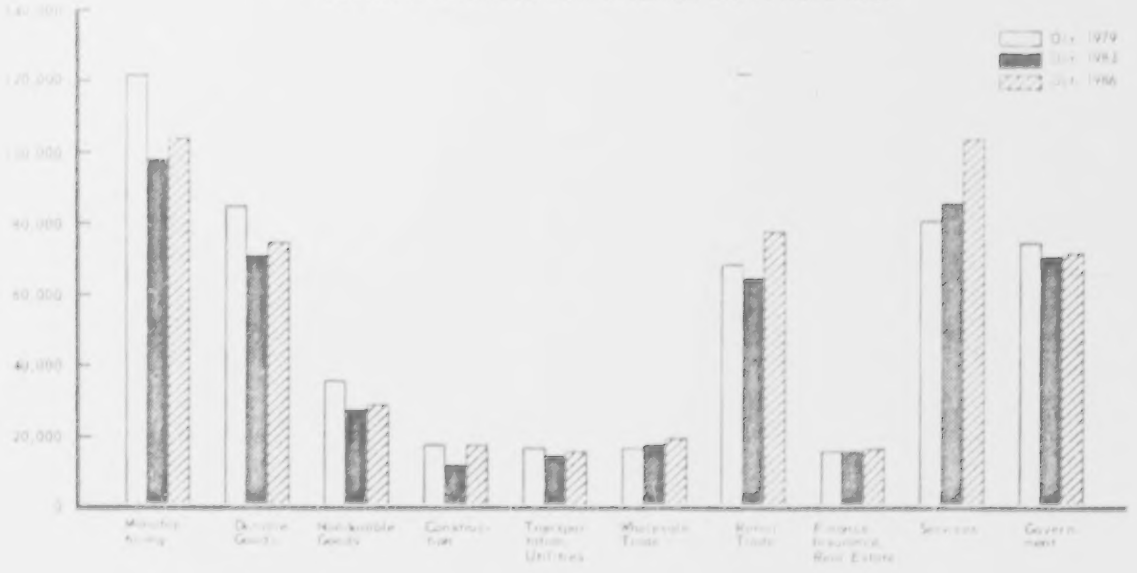




Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	October 1986[b]	September 1986[c]	October 1985[c]	From Last Month	From Last Year
TOTAL	423.8	427.6	415.5	-3.8	8.3
MANUFACTURING	109.2	109.7	107.8	-.5	1.4
Durable Goods[e]	76.2	76.7	75.4	-.5	.8
Fabricated metal products	8.1	8.1	8.1	.0	.0
Machinery except electrical	31.2	31.3	30.4	-.1	.8
Metalworking machinery	4.3	4.3	4.2	.0	.1
General industrial machinery	2.8	2.8	2.8	.0	.0
Electric and electronic equipment	9.1	9.1	9.1	.0	.0
Electrical industrial apparatus	2.8	2.8	2.7	.0	.1
Transportation equipment	22.2	22.2	21.8	.0	.4
Nondurable Goods	33.1	33.1	32.4	.0	.7
Food and kindred products	7.1	7.0	7.1	.1	.0
Paper and allied products	5.7	5.7	5.8	.0	-.1
Printing and publishing	8.7	8.6	8.4	.1	.3
Rubber and misc. plastics products	6.1	6.1	6.1	.0	.0
NONMANUFACTURING	314.6	317.9	307.7	-3.3	6.9
CONSTRUCTION	17.5	17.7	16.7	-.2	.8
TRANSPORTATION AND PUBLIC UTILITIES	13.4	13.5	13.2	-.1	.2
Communication and electric, gas services	6.3	6.3	6.2	.0	.1
WHOLESALE TRADE	22.1	22.2	21.7	-.1	.4
Wholesale trade: durable goods	12.8	12.9	12.6	-.1	.2
RETAIL TRADE	77.8	77.1	75.3	.7	2.5
General merchandise stores	11.3	11.3	11.0	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	17.4	17.5	16.9	-.1	.5
Banking	4.2	4.3	4.2	-.1	.0
Credit agencies other than banks	4.8	4.8	4.6	.0	.2
Insurance carriers	2.8	2.7	2.8	.1	.0
SERVICES	154.2	153.9	98.4	.3	5.8
Business services	24.8	24.3	22.2	.5	2.6
Health services	34.5	34.4	33.9	.1	.6
Educational services	8.6	8.1	7.7	.5	.9
GOVERNMENT	72.4	70.9	72.4	1.5	.0
Federal government	27.8	27.5	27.8	.3	.0
State government	7.0	6.1	6.5	.9	.5
State government education	4.3	3.4	3.9	.9	.4
State government except education	2.7	2.7	2.6	.0	.1
Local government	38.4	37.3	38.1	1.1	.3
Local government education	24.3	23.0	24.1	1.3	.2
Local government except education	14.1	14.3	14.1	-.2	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct., 1986[b]	Sep., 1986[c]	Oct., 1985[c]	Oct., 1986[b]	Sep., 1986[c]	Oct., 1985[c]	Oct., 1986[b]	Sep., 1986[c]	Oct., 1985[c]
MANUFACTURING	$501.54	$518.52	$509.50	41.3	42.3	42.6	$11.97	$12.34	$11.36
Durable Goods[d]	510.76	532.16	524.24	41.3	43.3	43.9	12.13	12.23	11.27
Fabricated metal products	386.26	367.54	358.80	41.4	40.3	40.1	9.33	9.12	8.95
Machinery, except electrical	538.90	568.76	561.48	42.5	44.4	43.9	12.68	12.81	12.79
Metalworking machinery	507.17	550.24	538.70	43.2	46.2	46.6	11.74	11.91	11.56
General industrial machinery	437.00	440.79	433.87	41.5	42.1	41.4	10.53	10.47	10.48
Electric and electronic equipment	330.43	402.86	392.04	42.3	43.6	42.2	9.23	9.24	9.29
Electrical industrial apparatus	470.37	487.76	433.59	44.5	45.5	47.1	10.57	10.72	10.09
Transportation equipment	605.07	642.28	637.73	41.7	43.9	43.8	14.51	14.63	14.56
Nondurable Goods	475.15	470.67	483.27	41.3	41.8	41.4	11.34	11.26	11.13
Food and kindred products	324.41	336.37	371.82	40.1	40.7	42.3	8.09	8.26	8.79
Paper and allied products	481.99	485.30	420.92	45.8	45.2	43.8	10.67	10.74	9.61
Printing and publishing	423.84	423.60	422.87	38.4	38.7	38.1	10.78	10.67	10.82
Rubber and misc. plastics products	533.48	584.44	568.47	41.1	41.1	41.6	14.44	14.22	14.18
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	540.27	531.15	535.61	40.6	40.3	40.4	13.34	13.19	13.29
WHOLESALE TRADE	338.86	331.38	380.88	40.7	40.1	41.4	8.80	8.78	8.99
RETAIL TRADE[e]	159.36	160.37	161.77	28.8	29.0	29.6	5.53	5.53	5.46

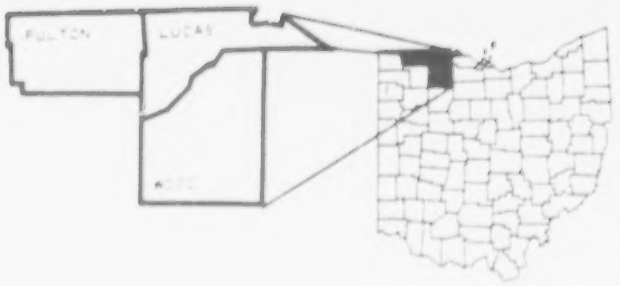
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing. Includes nondurable manufactures, textile mill products, apparel and other textile products, chemicals and allied products, petroleum and coal products, rubber and leather products. [e]Includes mining. [f]Money payments only, tips not included. Includes State universities. Excludes the agricultural extension service and agricultural research centers, and the Ohio Department of Education. Depressed due to labor-management disputes.

Selected Administrative Program Activities

	October 1986	September 1986	October 1985
Employment Service Program			
New Applicants	2,869	2,814	4,376
Active File of Job Seekers	24,264	25,318	31,075
Referrals to Jobs	1,189	1,232	2,297
Placements	289	259	496
Job Openings Received	831	1,215	1,016
Job Openings Unfilled	1,433	1,844	1,694
Unemployment Insurance Program			
Initial Claims	3,010	3,044	5,273*
Continued Claims	24,057	22,825	27,720
First Payments	1,264	1,319	1,576
Last Payments	442	417	421
Weeks Compensated	20,054	17,280	20,530
Benefits Paid	$2,759,061	$2,344,041	$2,798,468
Average Weekly Payment	$140.53	$138.80	$138.98

*Revised

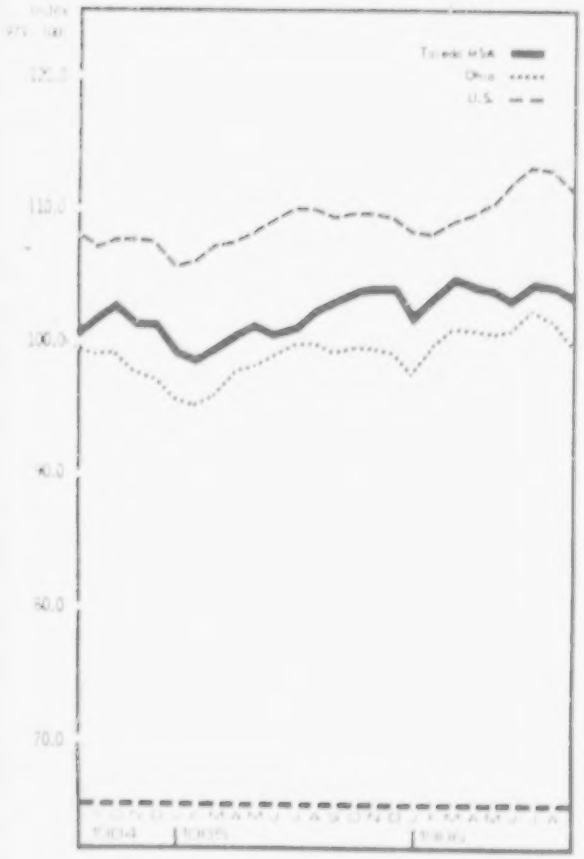
TOLEDO
METROPOLITAN STATISTICAL AREA



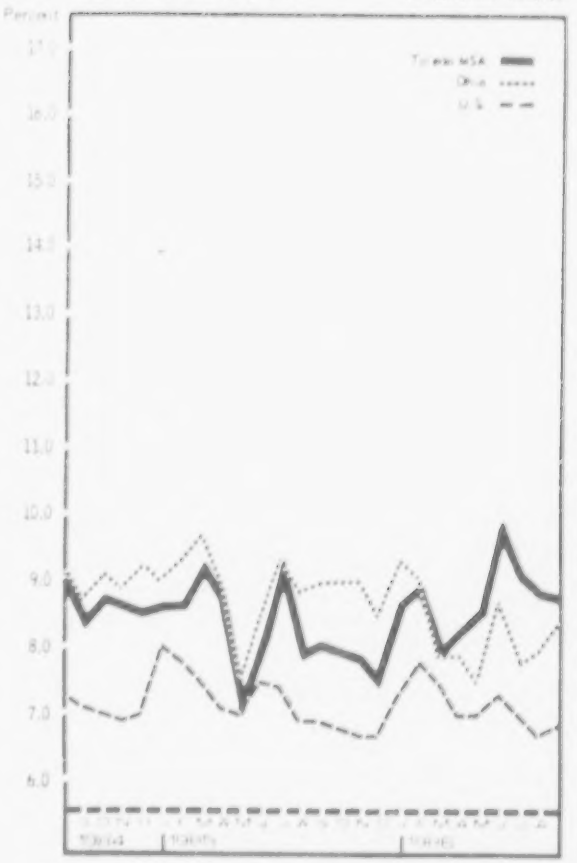
In October, Toledo's nonagricultural wage and salary employment rose 2,300, to 279,400. Most of the increase was in state government education and retail trade. Seasonal declines in food and kindred products lowered manufacturing employment to 62,400, down 1,300 from September. Average hourly earnings of production workers in manufacturing rose $.30, to $12.52 in October. Their average hourly workweek of 42.9 hours was up .3 hours.

Nonfarm wage and salary employment increased 7,800 from October 1985 to October 1986. All nonmanufacturing industries were up, with services and retail trade having the largest increases. Cutbacks in motor vehicles and equipment overshadowed gains in nondurable-goods industries, as manufacturing employment declined 4,100 over the year.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

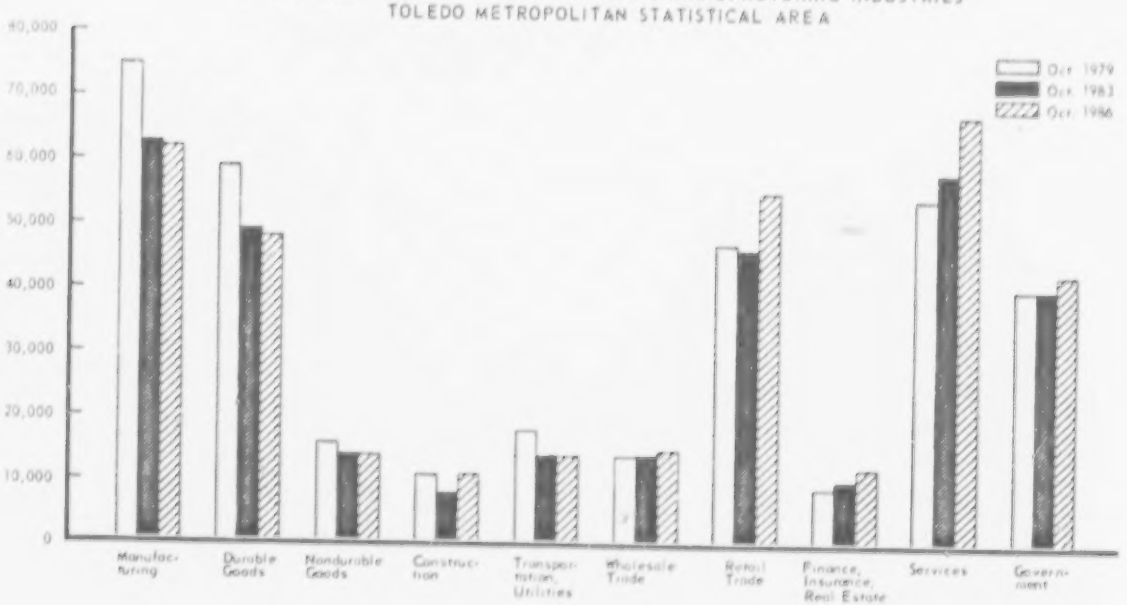


Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed				Manufacturing Production Workers				
		Total	Rate				Hours and Earnings			
							Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.3	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	78.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	255.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
295.5	269.3	26.2	8.9	1984	257.0	64.8	45.7	$605.42	41.2	$11.83
296.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	623.65	42.6	12.29
				1985						
289.1	275.2	23.9	8.0	September	269.8	68.0	48.5	636.80	41.1	12.49
301.4	277.7	23.7	7.8	October	271.7	66.5	47.0	637.31	41.2	12.51
301.7	278.1	23.6	7.8	November	273.3	66.2	46.9	631.15	40.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	637.84	41.2	12.55
				1986						
296.8	271.4	25.4	8.6	January	266.5	60.2	45.6	632.54	42.3	12.44
315.1	278.1	27.0	8.9	February	269.5	63.3	44.1	636.58	42.3	12.51
301.5	279.9	23.7	7.8	March	268.5	63.7	43.4	628.31	42.3	12.42
302.7	277.8	24.8	8.2	April	270.0	62.6	43.2	616.31	41.9	12.35
302.8	277.0	25.7	8.5	May	271.1	62.1	42.8	629.66	42.3	12.43
305.1	279.8	25.3	8.3	June	270.2	62.1	43.1	629.12	42.2	12.42
306.7	278.7	28.0	9.1	July	268.4	62.1	42.7	636.26	42.2	12.57
299.1	278.1	20.9	6.9	August	271.7	63.3	44.0	633.30	42.3	12.52
302.5	276.3	26.1	8.7	September	270.5	63.7	44.6	634.36	42.7	12.58
INA	INA	INA	INA	October	270.4	62.4	43.1	637.11	42.3	12.59

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[a] (in thousands)	
	October 1986[b]	September 1986[b]	October 1985[b]	From Last Month	From Last Year
TOTAL	273.4	271.1	271.7	2.3	1.7
MANUFACTURING	62.4	61.7	66.5	.7	-4.1
Durable Goods[c]	48.3	48.3	53.1	.0	-4.8
Stone, clay, and glass products	6.7	6.7	6.9	.0	-.2
Primary metal industries	3.2	3.3	3.7	-.1	-.5
Fabricated metal products	6.8	6.8	6.9	.0	-.1
Metal forgings and stampings	3.6	3.6	3.7	.0	-.1
Machinery, except electrical	6.6	6.5	6.7	.1	-.1
Electric and electronic equipment	3.8	3.8	3.9	.0	-.1
Transportation equipment	15.7	15.7	19.4	.0	-3.7
Motor vehicles and equipment	14.8	14.8	18.2	.0	-3.4
Nondurable Goods	14.1	13.4	13.4	.7	.7
Food and kindred products	3.8	3.7	3.7	.1	.1
Rubber and misc. plastics products	3.2	3.2	3.2	.0	.0
NONMANUFACTURING	211.0	209.4	205.2	1.6	5.8
CONSTRUCTION	10.3	10.0	9.8	.3	.5
TRANSPORTATION AND PUBLIC UTILITIES	14.4	14.2	14.1	.2	.3
Trucking and warehousing	5.3	5.3	5.6	.0	-.3
Communication, electric, gas services	4.7	4.7	4.7	.0	.0
WHOLESALE TRADE	15.2	15.2	14.7	.0	.5
Wholesale trade, durable goods	10.2	10.2	10.0	.0	.2
RETAIL TRADE	54.8	53.8	51.3	1.0	3.5
General merchandise stores	7.0	7.1	7.0	-.1	.0
FINANCE, INSURANCE, AND REAL ESTATE	11.7	11.6	10.4	.1	1.3
Banking	4.7	4.6	4.4	.1	.3
SERVICES	67.1	67.1	63.7	.0	3.4
Business services	12.7	12.9	11.3	-.2	1.4
Health services	25.8	25.6	24.8	.2	1.0
GOVERNMENT	42.5	40.3	41.5	2.2	1.0
State government	16.2	14.4	15.7	1.8	.5
State government education	12.3	10.4	11.9	1.9	.4
State government, except education	4.0	4.0	3.8	.0	.2
Local government	23.7	23.4	23.3	.3	.4
Local government education	13.8	13.4	13.4	.4	.4
Local government, except education	9.9	10.0	9.9	-.1	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

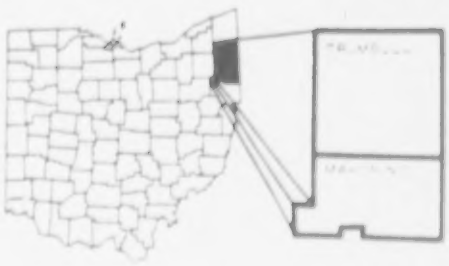
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct.,[b] 1986	Sep.,[c] 1986	Oct., 1985	Oct.,[b] 1986	Sep.,[c] 1986	Oct., 1985	Oct.,[b] 1986	Sep.,[c] 1986	Oct., 1985
MANUFACTURING	$537.11	$524.36	$537.03	42.9	42.7	43.2	$12.52	$12.28	$12.43
Durable Goods[r]	555.84	555.56	562.46	42.9	43.1	43.5	12.96	12.89	12.93
Stone, clay and glass products	538.75	543.42	570.24	41.1	42.3	44.0	13.11	12.85	12.96
Primary metal industries	462.59	518.85	489.25	41.8	45.2	43.8	11.17	11.47	11.17
Fabricated metal products	531.91	531.36	486.63	41.0	41.2	42.5	12.97	12.90	11.45
Metal forgings and stampings	629.50	605.93	542.05	44.9	44.1	41.8	14.02	13.74	13.03
Machinery except electrical	486.20	463.84	454.44	42.3	41.6	42.0	11.36	11.15	10.82
Electric and electronic equipment	578.37	574.60	508.38	44.8	44.2	41.4	12.91	13.00	12.28
Transportation equipment	659.46	646.72	685.58	47.1	43.8	44.4	14.23	14.77	14.50
Motor vehicles and equipment	662.26	649.73	688.66	47.3	43.7	44.4	14.03	14.78	14.76
Nondurable Goods	462.64	431.80	463.78	42.7	42.9	42.9	10.83	10.06	10.81
Food and kindred products	622.41	484.34	456.33	48.1	42.4	42.1	12.94	11.42	10.84
Rubber and misc. plastics products	551.62	511.23	511.81	47.2	45.7	45.1	11.69	11.19	11.35
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	636.15	637.87	577.60	47.1	47.3	44.3	13.51	13.49	13.04
WHOLESALE TRADE	384.28	382.36	392.63	38.1	38.1	39.7	10.09	10.04	9.89
RETAIL TRADE	199.37	198.98	193.94	30.8	30.6	30.1	6.47	6.50	6.44

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [r]Based on employment figures that have been benchmarked to March 1986 universe counts. Data for prior periods have been revised to the extent possible. Durable goods manufacturing includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. Nondurable goods manufacturing includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. Mining, construction, transportation, communication, electric, gas and sanitary services, wholesale trade, retail trade, finance, insurance and real estate, services, and government also are surveyed in accordance with the 1987 Standard Industrial Classification Manual. Nonprofit membership organizations, private households, railroads, agricultural production, fisheries, forestry, and international organizations are excluded. Data are collected by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics. Establishments report the number of employees who worked during the pay period including the 12th of the month and their gross payroll for the period. Hours and earnings are derived from reports by establishments that have both production or nonsupervisory workers and hours and payroll data available. Earnings are before payroll deductions. Overtime premiums are included. Bonuses, commissions, vacation and holiday pay are excluded unless they were earned during the pay period reported. Data are subject to revision four months after original publication.

Selected Administrative Program Activities

	[illegible]	[illegible]	[illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	[illegible]	[illegible]	[illegible]
Average Weekly Payment	[illegible]	[illegible]	[illegible]

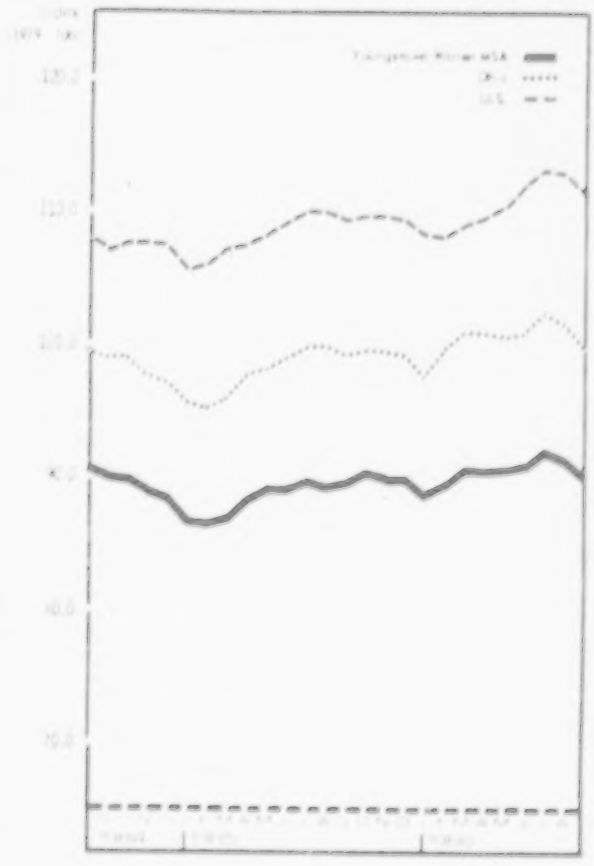
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



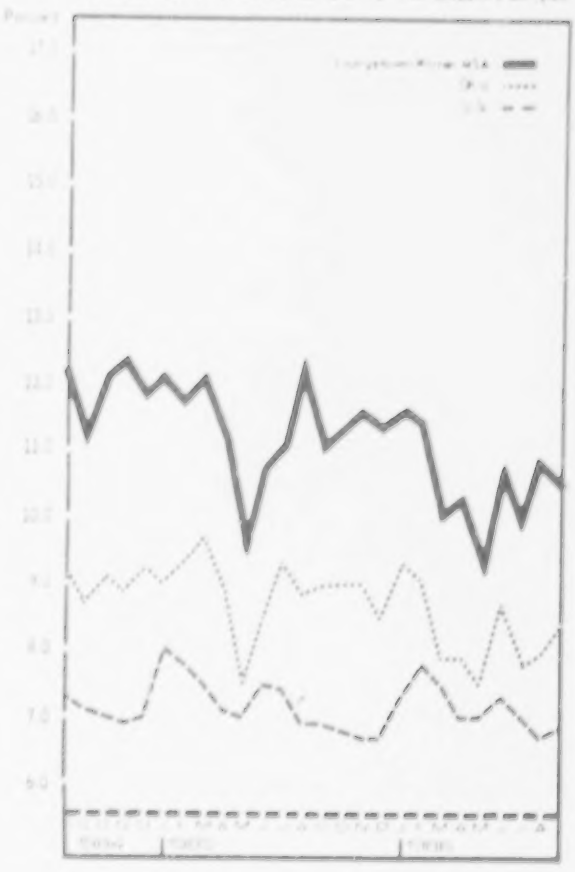
Nonagricultural wage and salary employment in the Youngstown-Warren MSA totaled 193,100, up 800 from September. Increases in state and local government education were partially offset by declines in services. Manufacturing employment advanced fractionally, to 52,200. Factory production workers earned an average of $13.15 per hour for a 41.4 hour workweek in October, down $.16 and .5 hours, respectively, from September.

Between October 1985 and October 1986, nonfarm payroll employment rose 5,300. Nonmanufacturing industries accounted for the gain, especially services and retail trade. Manufacturing employment fell 1,200 during the same period, due to losses in primary metal industries, nonelectrical machinery, and transportation equipment.

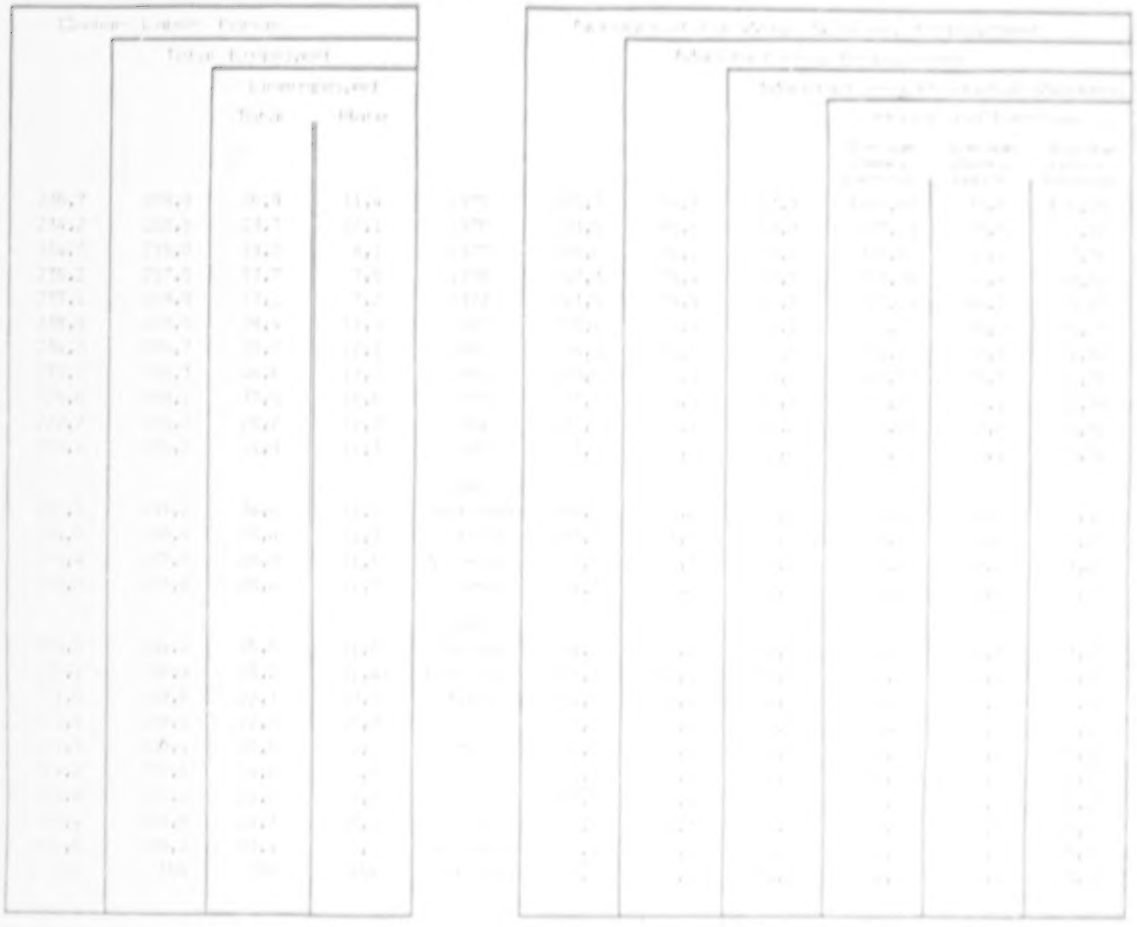
INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



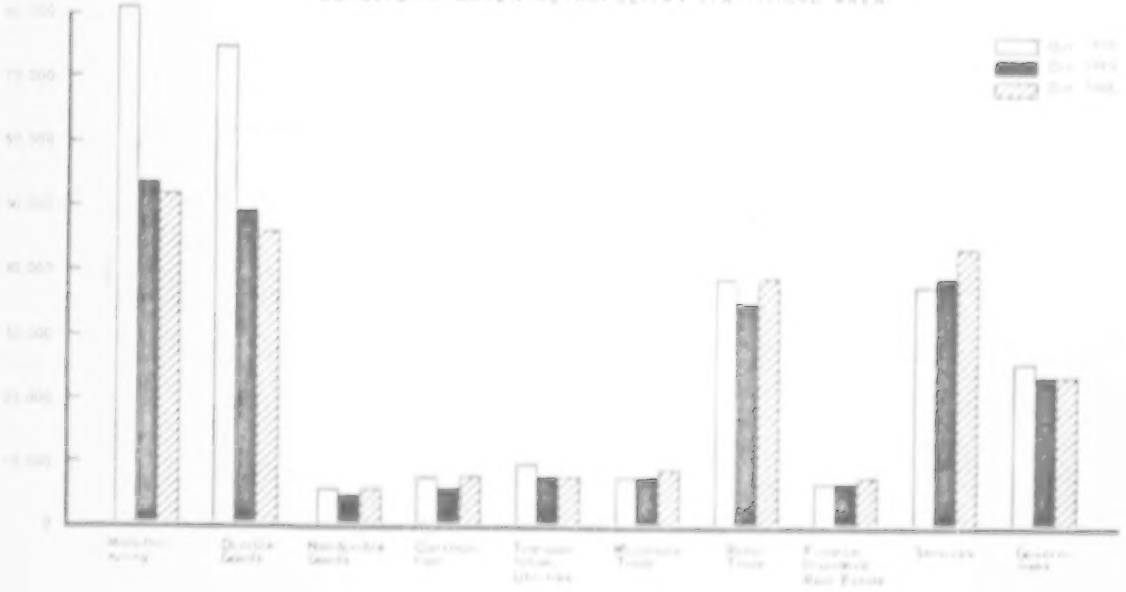
UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Youngstown-Warren MSA Labor Force & Employment Data



EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[1]

Youngstown-Warren MSA

	Employment (in thousands)			Change[2] (in thousands)	
	[illegible] 1986	[illegible] 1987	[illegible] 1987	From Last Month	From Last Year
TOTAL	191.1	192.4	197.9	.3	5.1
MANUFACTURING	52.2	52.1	51.1	-.1	-1.1
Durable Goods	46.4	46.4	45.2	0.0	-1.2
Primary metal industries	22.2	22.4	20.8	.2	-1.4
Blast furnace and basic steel products	6.7	6.8	5.8	.1	-.9
Fabricated metal products	7.8	7.8	7.7	0.0	-.1
Machinery except electrical	3.2	3.1	3.1	-.1	-.1
Electric and electronic equipment	2.5	2.5	2.5	0.0	0.0
Transportation equipment	8.8	8.8	8.8	0.0	0.0
Nondurable Goods	5.8	5.8	5.9	0.0	.1
NONMANUFACTURING	140.7	140.3	146.8	-.4	6.1
CONSTRUCTION	8.2	8.1	7.9	-.1	-.3
TRANSPORTATION AND PUBLIC UTILITIES	9.2	9.1	9.7	-.1	.5
Communication electric gas services	3.2	3.2	3.3	0.0	.1
WHOLESALE TRADE	9.2	9.1	9.2	-.1	0.0
Wholesale trade durable goods	5.1	5.1	5.1	0.0	0.0
RETAIL TRADE	39.8	39.7	37.8	-.1	-2.0
General merchandise stores	5.8	5.8	5.8	0.0	0.0
FINANCE INSURANCE AND REAL ESTATE	7.3	7.3	7.5	0.0	.2
Banking	2.6	2.6	2.6	0.0	0.0
SERVICES	44.4	44.3	45.7	-.1	1.3
Health services	18.4	18.4	17.8	0.0	-.6
GOVERNMENT	23.7	23.8	23.7	.1	0.0
State government	3.8	3.8	3.7	0.0	-.1
State government education	2.2	1.8	2.2	-.4	0.0
State government except education	1.6	1.6	1.5	0.0	-.1
Local government	17.8	17.8	17.7	0.0	-.1
Local government education	11.4	10.8	11.4	-.6	0.0
Local government except education	6.4	6.4	6.3	0.0	-.1

Youngstown-Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[1]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
MANUFACTURING									
Durable Goods									
Primary metal industries									
Blast furnace and basic steel products									
Fabricated metal products									
Machinery, except electrical									
Electrical and electronic equipment									
Transportation equipment									
Non-durable Goods									
TRANSPORTATION AND PUBLIC UTILITIES									
WHOLESALE TRADE									
RETAIL TRADE									

Selected Administrative Program Activities

Employment Service Program			
New Applicants			
Active File of Job Seekers			
Referrals to Jobs			
Placements			
Job Openings Received			
Job Openings Unfilled			
Unemployment Insurance Program			
Initial Claims			
Continued Claims			
First Payments			
Last Payments			
Weeks Compensated			
Benefits Paid			
Average Weekly Payment			

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force—Estimated number of persons 16 years of age and over employed or unemployed during a week including [illegible] by place of residence.

Total Employed—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestic service workers, and persons employed in other duties. Employment is tabulated by place of residence.

Total Unemployed—Estimated number of persons by place of residence who did not work during reference week and were looking for work. Limited to persons eligible for unemployment compensation, those who exhausted such and were waiting to be called back to work or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection—Nonagricultural wage and salary employment estimates are [illegible] estimates based on monthly reports from a sample of employers under cooperative arrangement with the Bureau of Labor Market Information, Ohio Bureau of Employment Services, many state and [illegible] agencies which are subsequently reconciled with [illegible].

Industrial Classification—Employment estimates classified by industry on basis of their principal product or service. The [illegible] Classification Manual, U.S. Office of Management and Budget, Washington, D.C. 1972, with periodic [illegible].

Coverage—[illegible] employment and [illegible] most [illegible] employment [illegible].

[illegible]

	Approximate Percentage Covered by Survey
[illegible]	[illegible]

Nonagricultural Employment—Persons who worked during or received pay for any part of the pay period which includes the 12th of the month. Excluded are persons on paid sick leave, paid holidays, paid vacations. Excluded are persons on unpaid vacation during entire survey period. Proprietors, the self-employed, unpaid family workers, domestic workers and persons in military service are excluded. Government employees [illegible] or employees [illegible] business employees during the summer recess period are counted [illegible].

Estimating Method—The employment is estimated from the [illegible] of establishments reporting for two consecutive months as follows:

Sample Employment	
[illegible]	[illegible]

Benchmark Data—Employment estimates compared annually with complete count of employment by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data by industry and area compiled from contributor reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division and Nonagricultural Wage and Salary Employment series are presented in seasonally adjusted form. Seasonal patterns removed by methodology see January [illegible].

Hours and Earnings

Method of Computing Averages—Average hours computed by dividing total production worker hours worked during the week for the survey period which include 12th of month by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker pay for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions—Definitions of production workers, nonsupervisory workers and average hours and earnings are as follows:

Production Workers—Includes working supervisors and all nonsupervisory workers engaged in fabricating, processing, assembling, [illegible] storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development and production for plant's own use (not for sale), plant cafeteria, and record keeping and other services closely associated with production operations.

Nonsupervisory Workers—Includes employees (non-supervisory) working [illegible] below the working supervisory level of foreman and those equivalent [illegible] supervisory responsibilities (leadmen, straw bosses, lead workers). Excluded are [illegible] above supervisory levels, [illegible] and other employees whose duties are [illegible] to those of workers listed [illegible].

Pay—Represents earnings before [illegible] and gross pay for computation for nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Earnings reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues are included. Pay for overtime hours, vacations and sick leave paid directly by the firm. Bonuses [illegible] paid regularly each pay period. Pay not earned in pay period reported such as retroactive pay, and value of free rent, fuel, meals or other payments in kind excluded.

Hours—Represents hours worked or paid for during pay periods which include 12th of month for production or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Counseling Interviews	[illegible]	[illegible]	[illegible]
Tests Administered	[illegible]	[illegible]	[illegible]
General Aptitude Tests	[illegible]	[illegible]	[illegible]
Proficiency Tests	[illegible]	[illegible]	[illegible]
Specific Aptitude Tests	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]

Selected Unemployment Insurance Activities

Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Average Weekly Claimants	[illegible]	[illegible]	[illegible]
Average Weekly Benefit Recipients	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	[illegible]	[illegible]	[illegible]
Average Weekly Payment	[illegible]	[illegible]	[illegible]
Continued Claims for Survey Week	[illegible]	[illegible]	[illegible]
Insured Unemployment Rate	[illegible]	[illegible]	[illegible]
Net Contributions	[illegible]	[illegible]	[illegible]
Active Employer Accounts	[illegible]	[illegible]	[illegible]

[illegible]

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 466-6606.

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